

US Consumer-Directed E-Commerce Revenues, 1999-2003

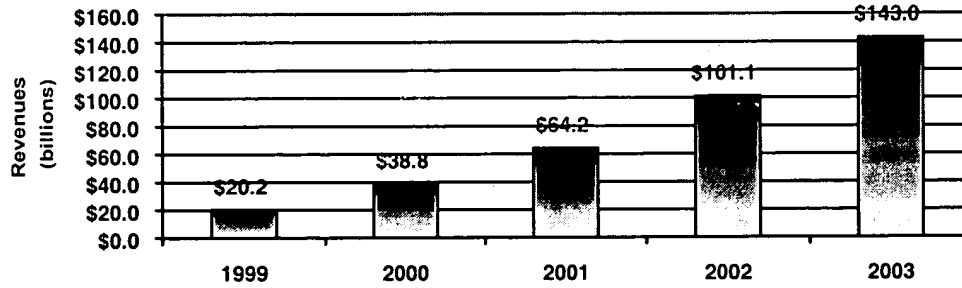


Fig. 1

Total US Consumer Payments: Share of Transactions, 1998, %

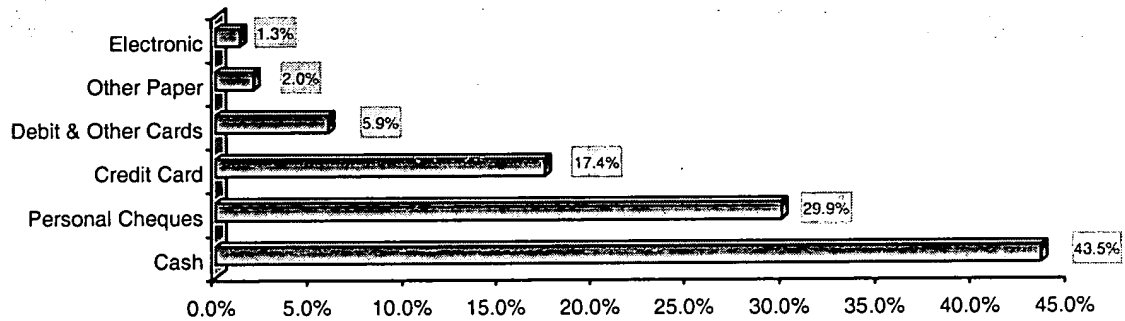


Fig. 2

TOTAL: 42560660

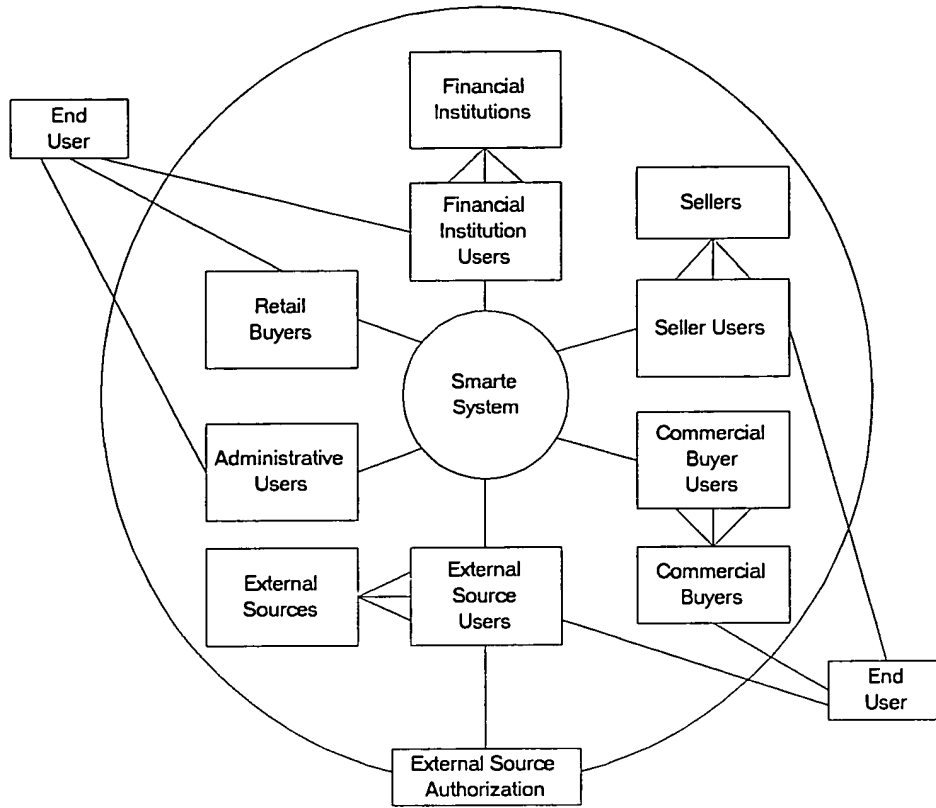


Fig. 3

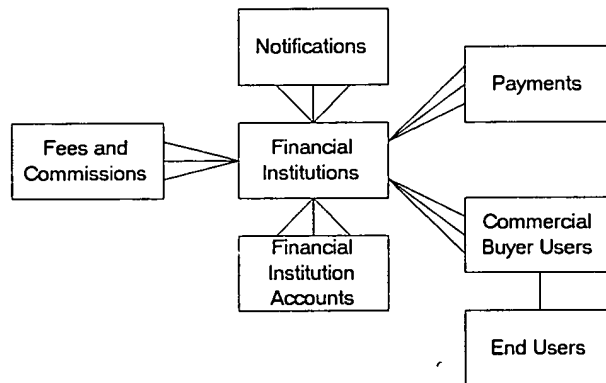


Fig. 4

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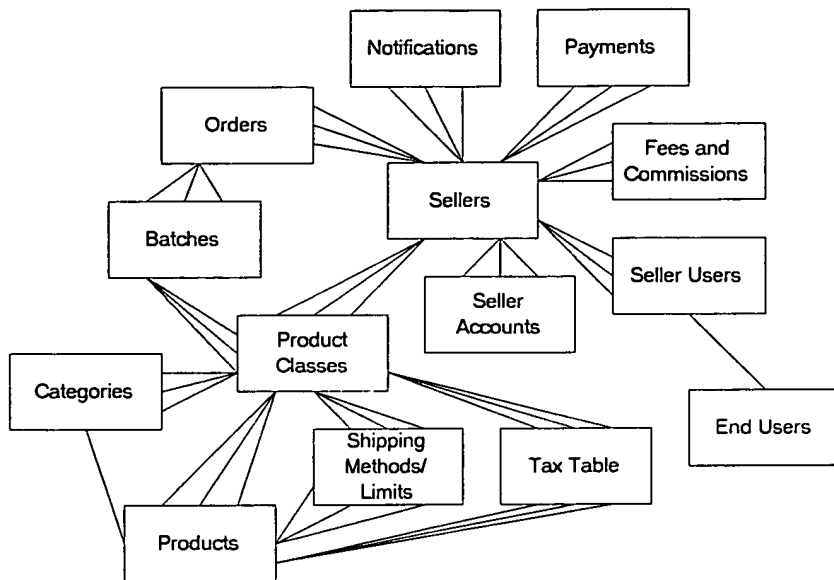


Fig. 5

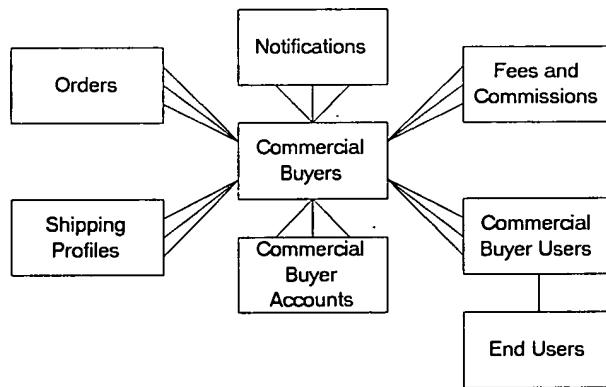


Fig. 6

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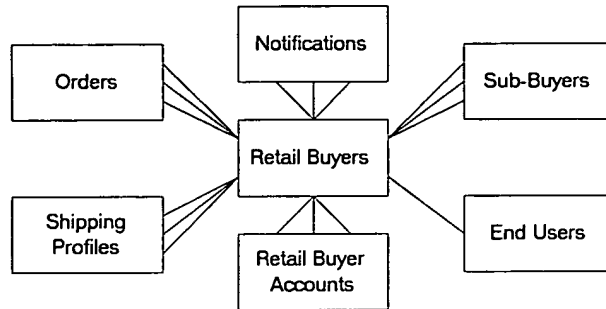


Fig. 7

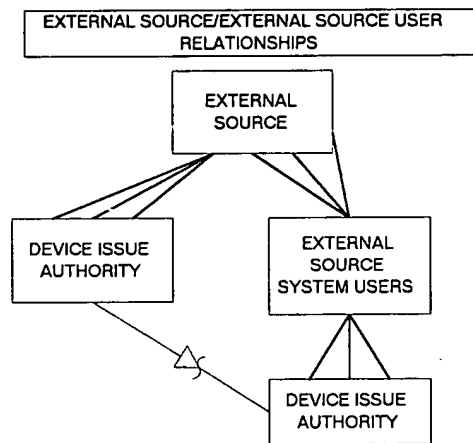


Fig. 8

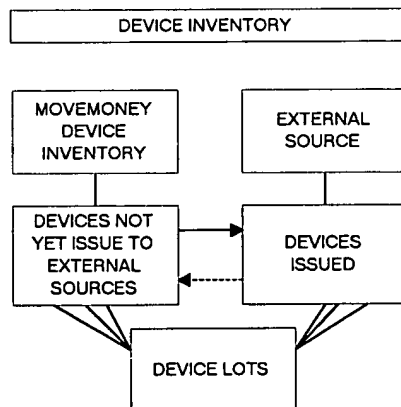


Fig. 9

0909524-101201

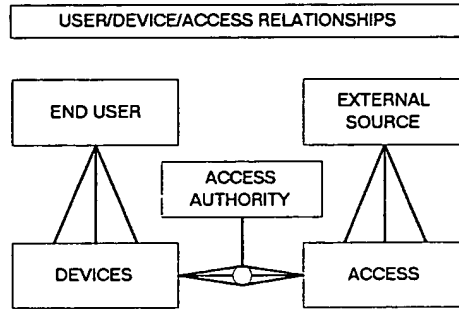
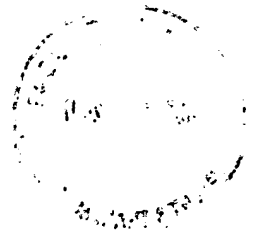


Fig. 10

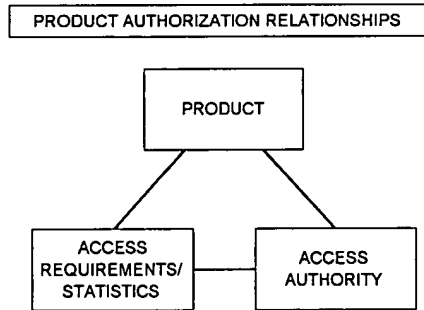


Fig. 11

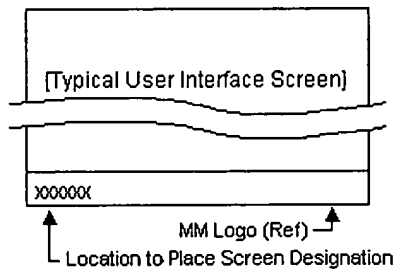
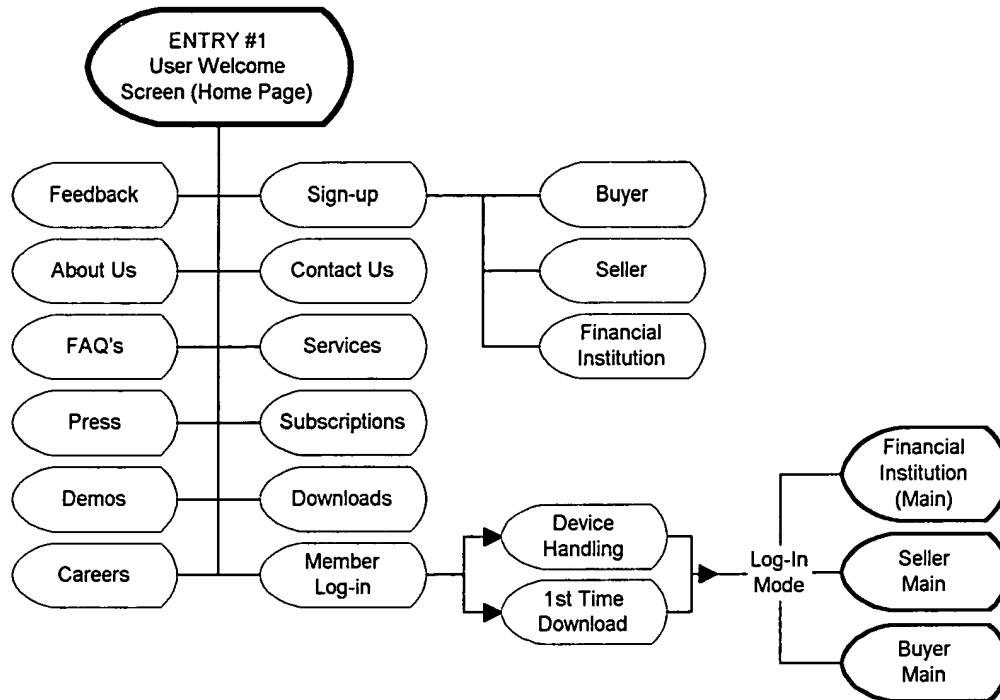
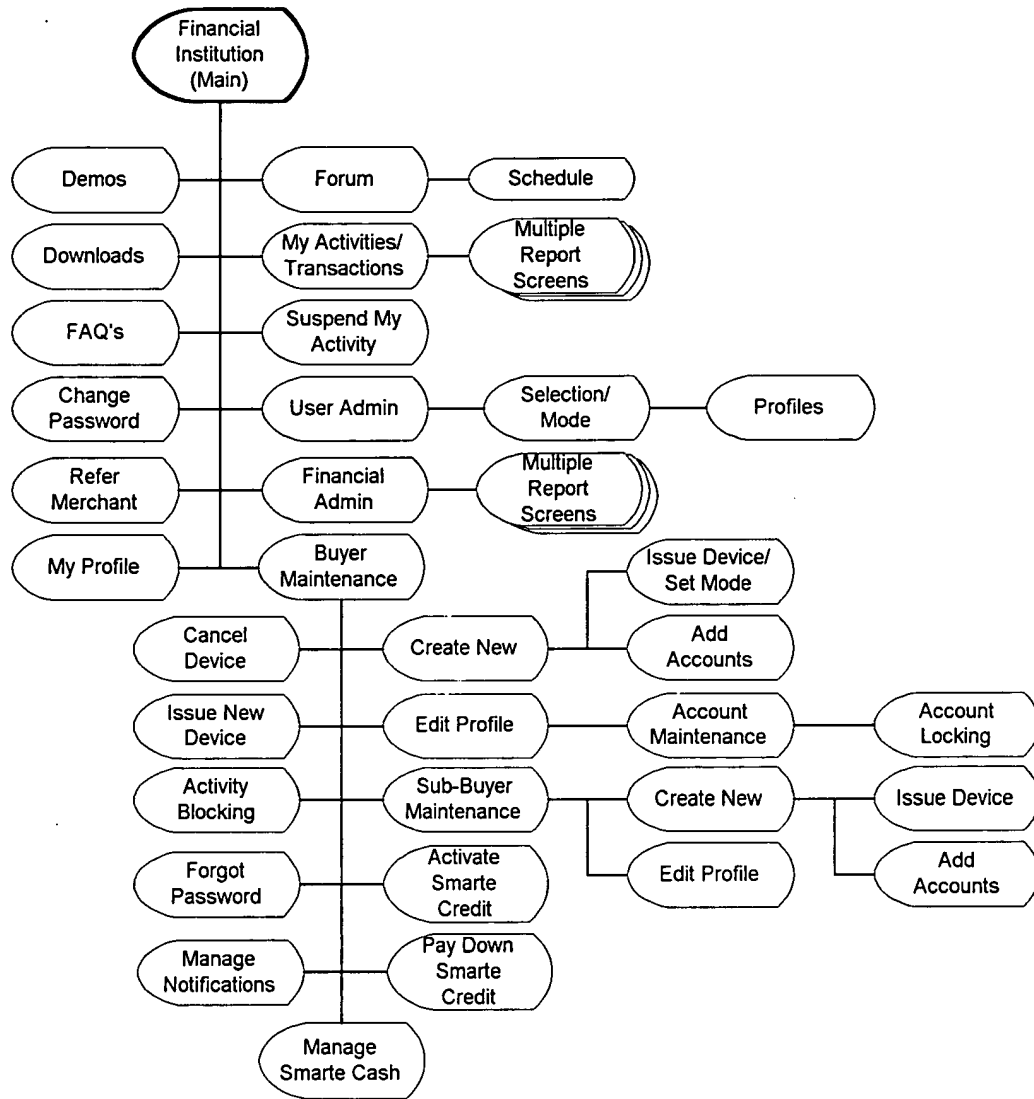


Fig. 12

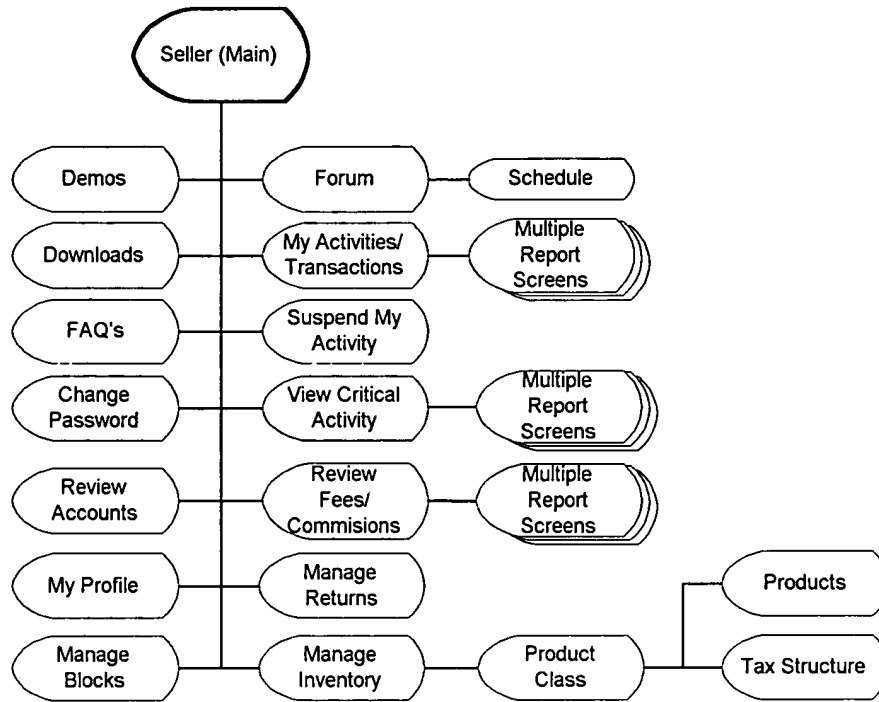
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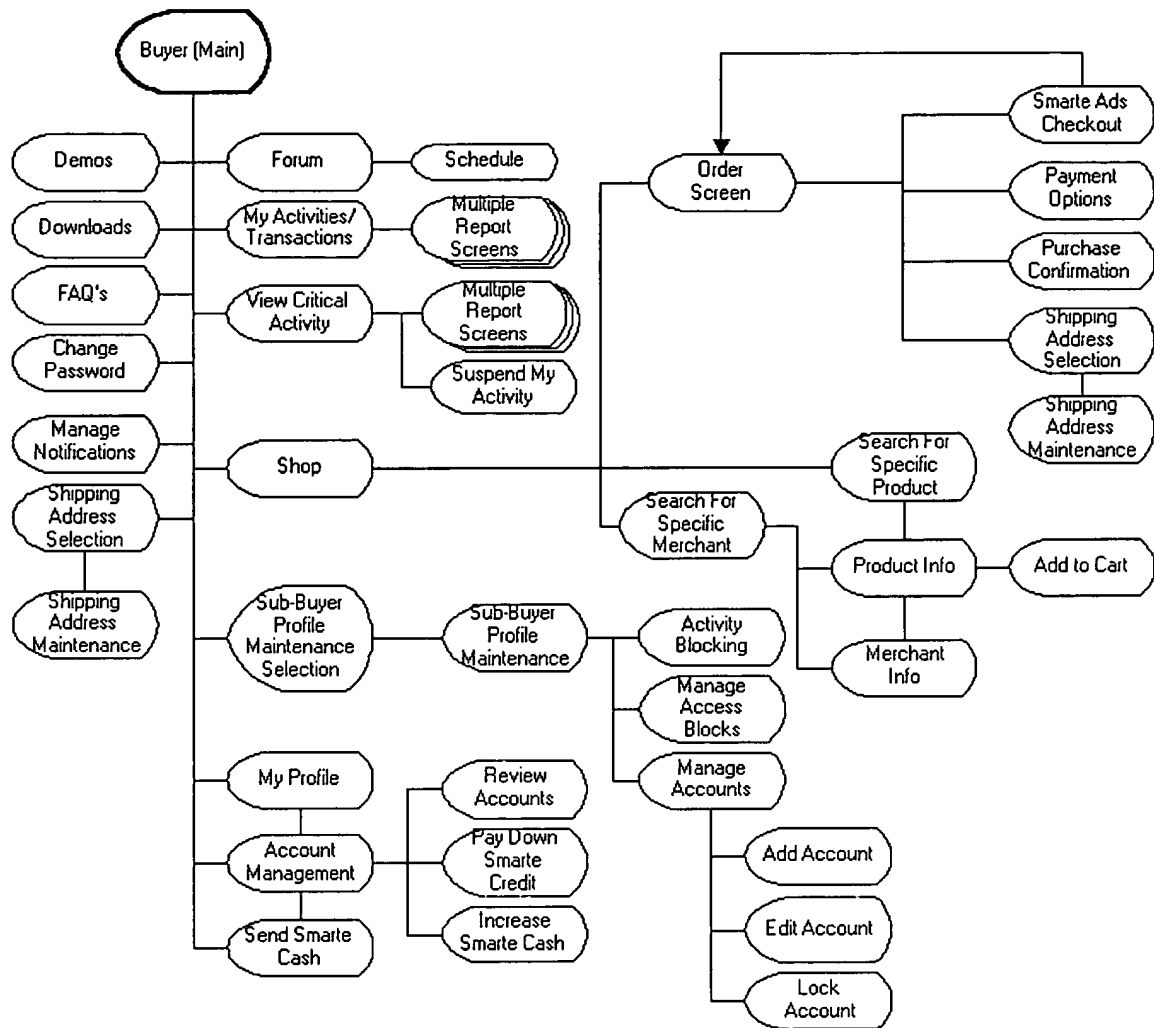
**Fig. 13**  
**Main/Home Screen**



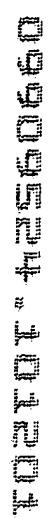
**Fig. 14**  
**Financial Institution Main Screen**



**Fig. 15**  
**Seller Main Screen**



**Fig. 16**  
**Buyer Main Screen**



**Fig. 17**

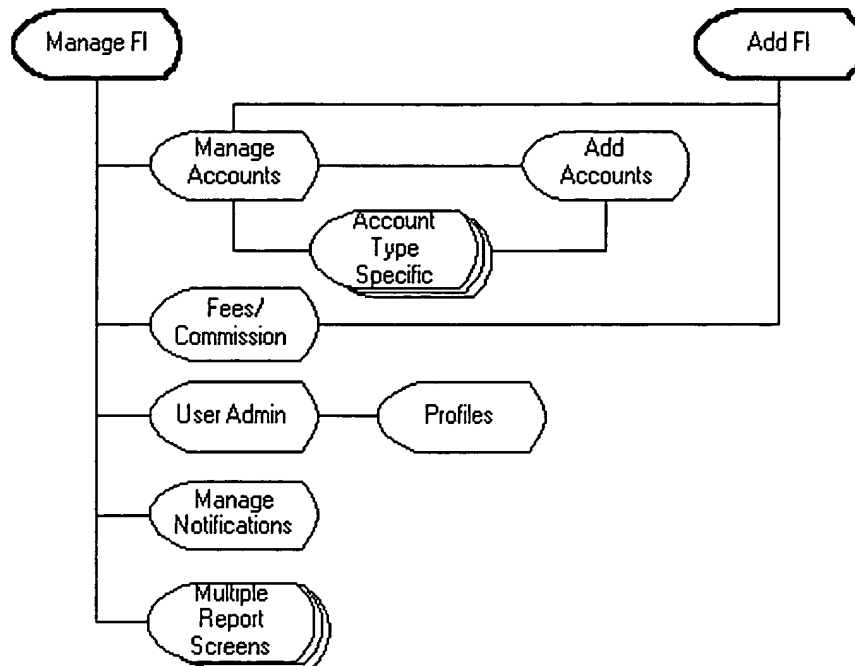


Fig. 18

### Administration – Financial Institution Management Screens

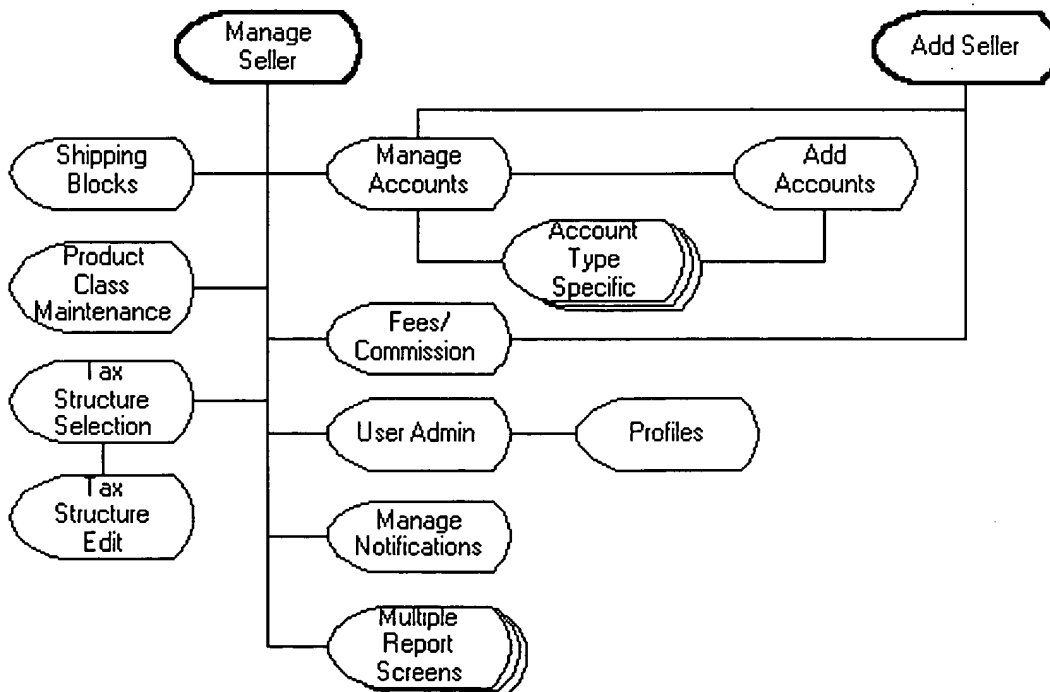
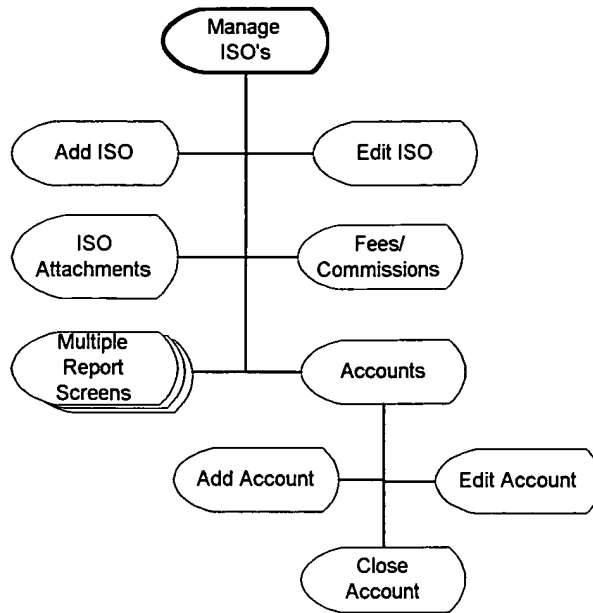


Fig. 19

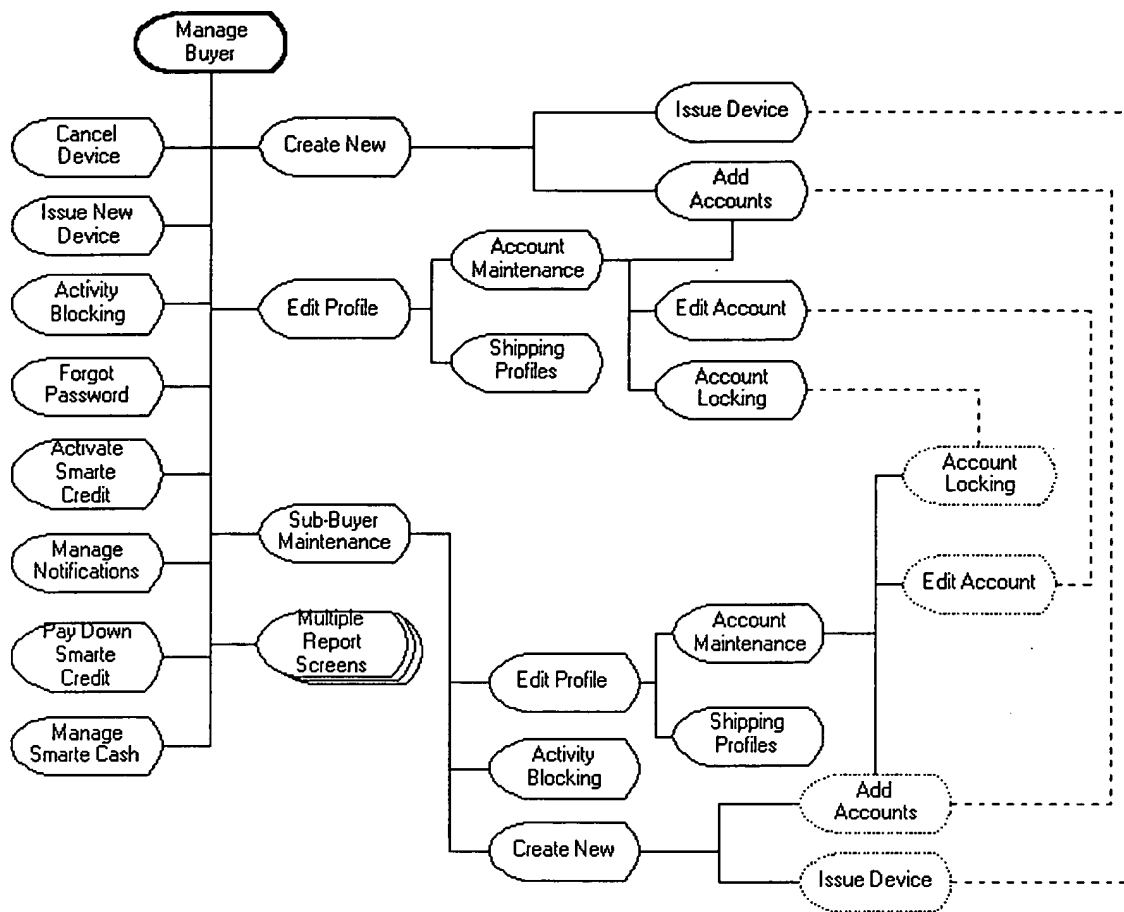
### Administration – Seller Management Screens

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**Fig. 20**  
**Administration – Independent Sales Organization**  
**Management Screens**

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**Fig. 21**  
**Administration – Buyer Management Screens**

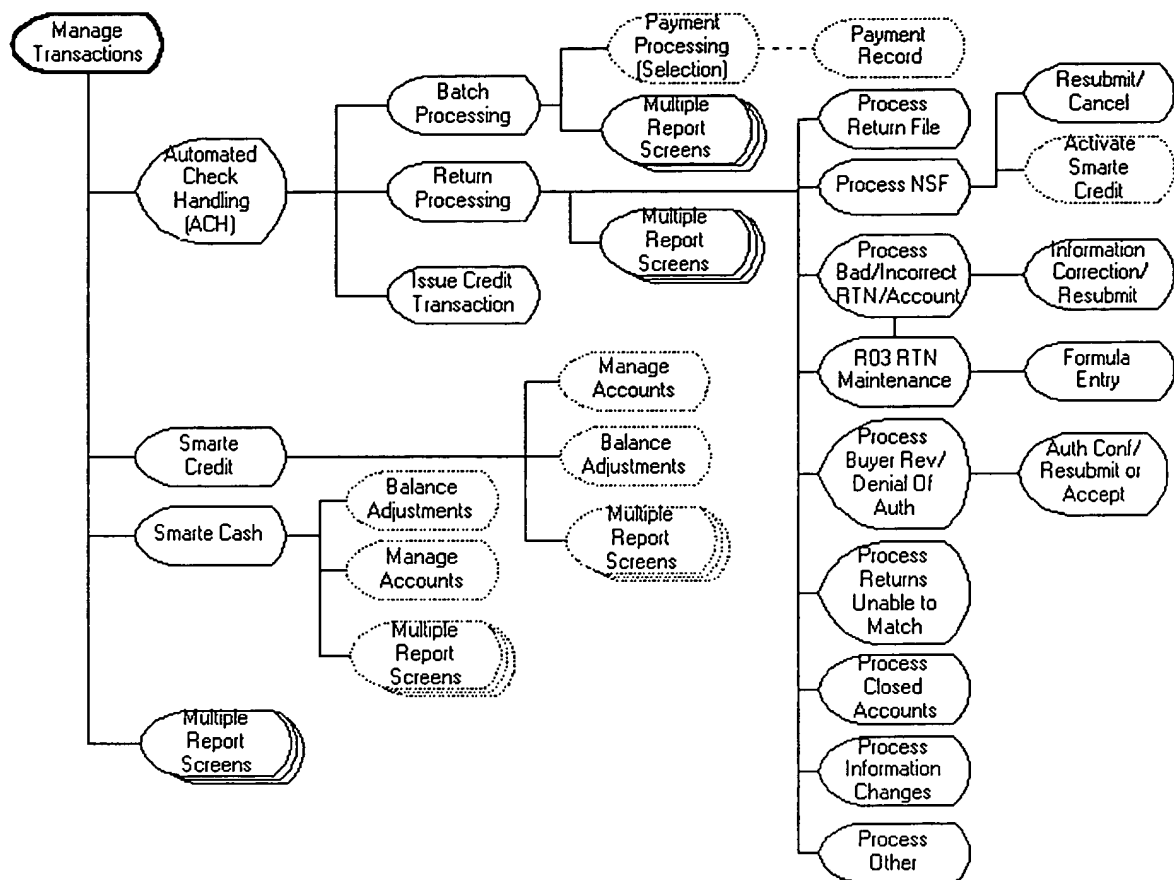
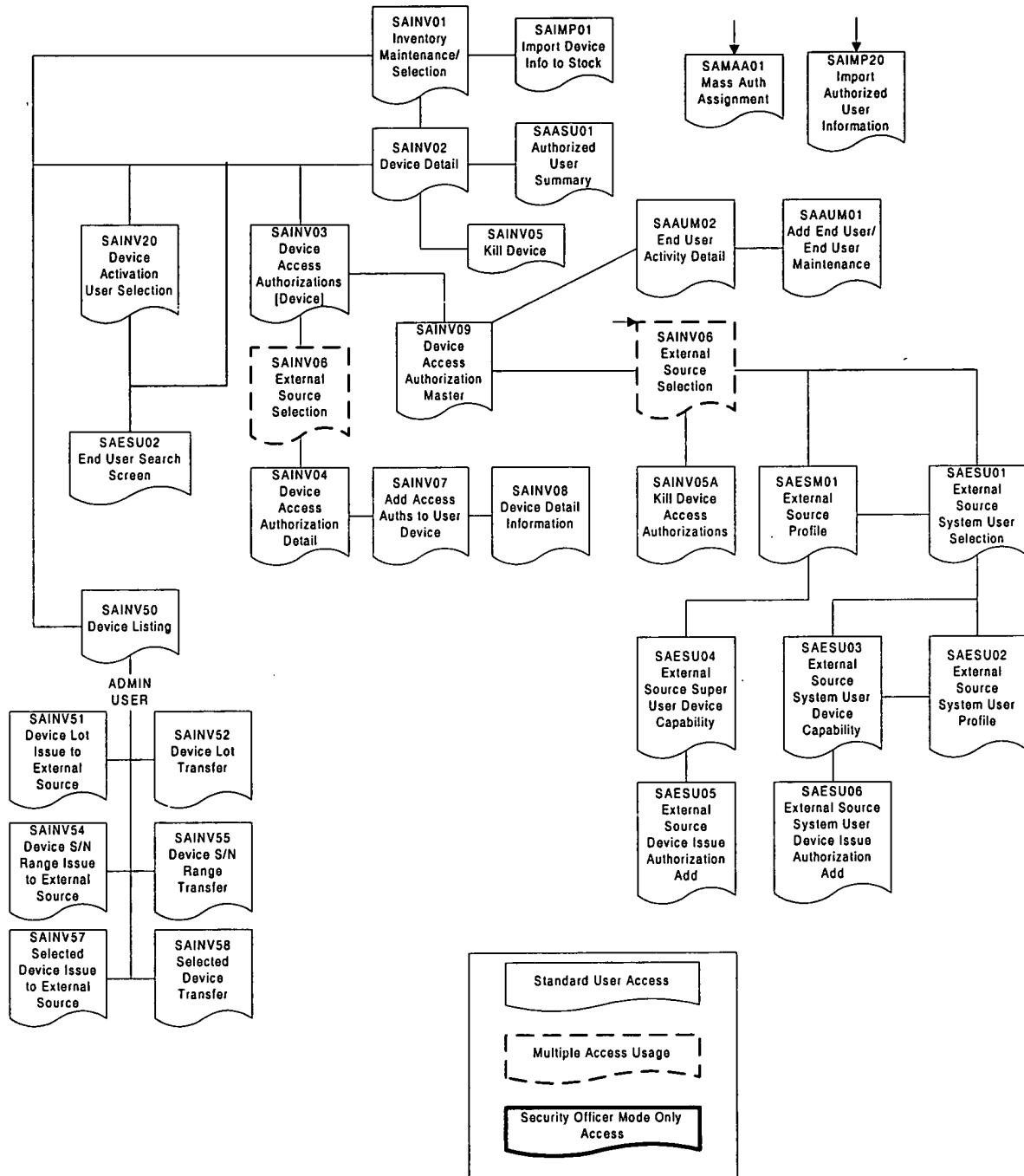


Fig. 22

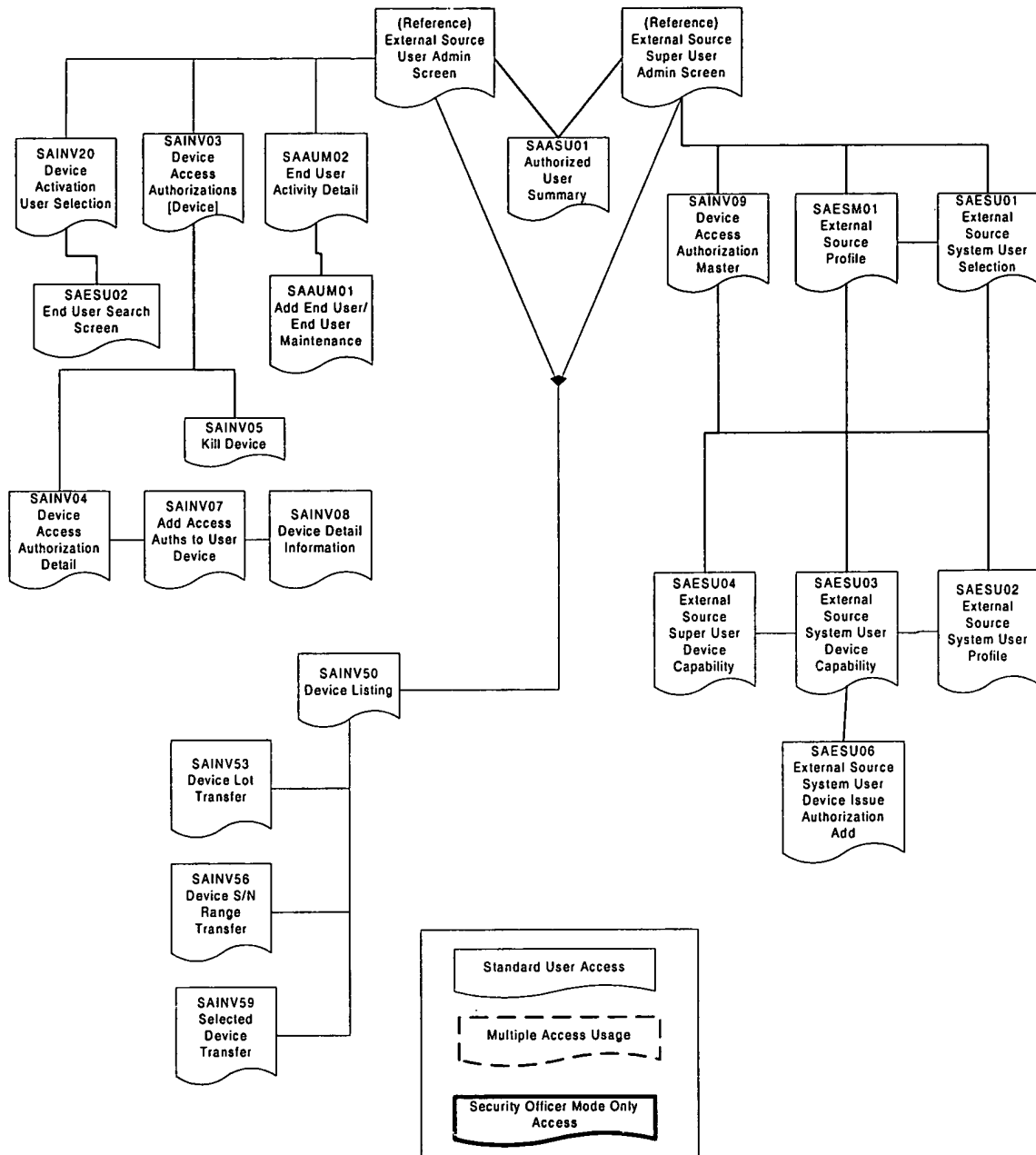
Administration – Transactions/Payments/Accounts Management Screens

FOI b7 - 4256060

## ADMINISTRATION USER SCREEN INTERACTION



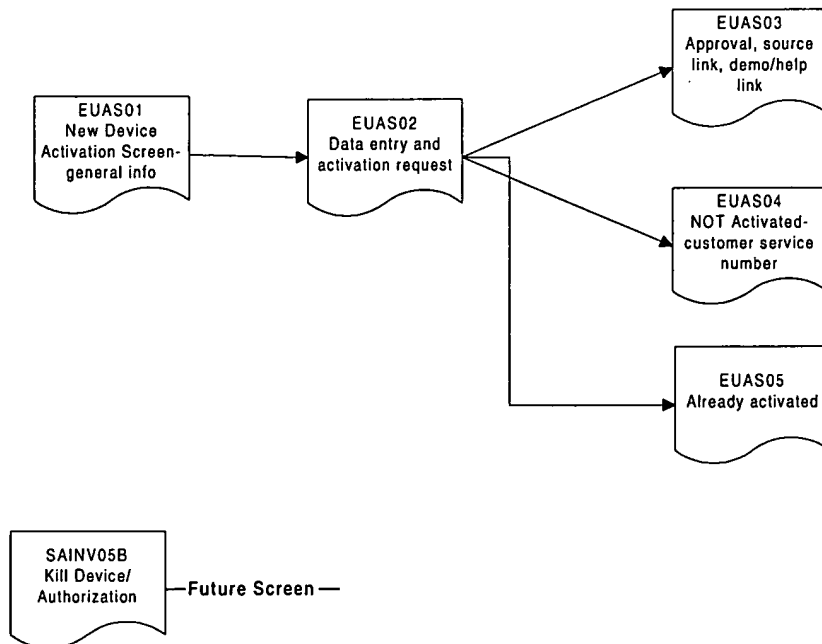
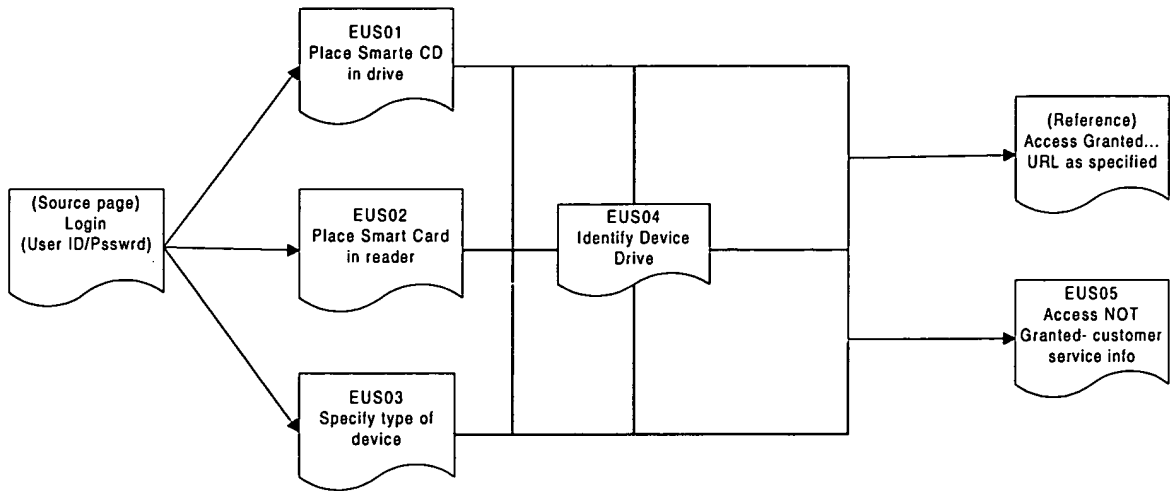
**Fig. 23**  
**Authentication**

EXTERNAL SOURCE USER SCREEN INTERACTION

**Fig. 24**  
**Authentication**

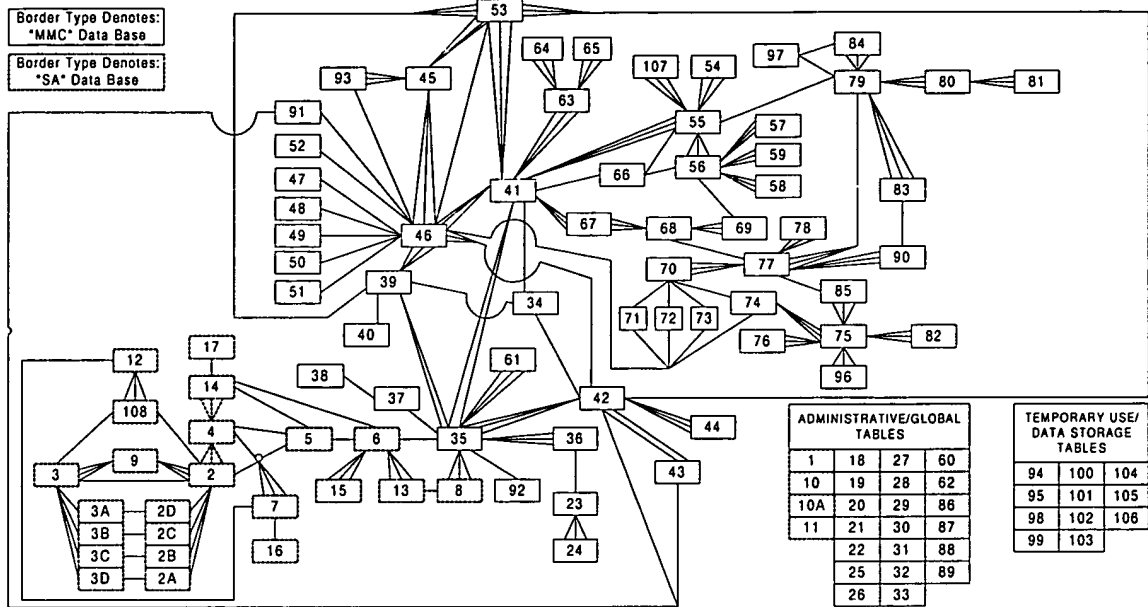
09054-1020

## End User Screen Interaction



**Fig. 25**  
**Authentication**

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**Fig. 26**  
**System Data Structure**

FOUO "4256060

1	Smarte Authentication System Administration Data	51	Accounts Type Specific – Smarte Credit Card
2	Smarte Authentication User Device Master	52	Account Block Details
2A	Smarte Authentication Device Specific (Smarte CD)	53	Fees and Commission
2B	Smarte Authentication Device Specific (Smart Card)	54	Product Category Master
2C	Smarte Authentication Device Specific (RSA Token)	55	Product Class Master
2D	Smarte Auth Device Specific (Secure Comp. Token)	56	Product Master
3	Smarte Authentication Device Inventory Master	57	Product – Sub Products List
3A	Smarte Auth Device Inventory Specific (Smarte CD)	58	Product – Keywords List
3B	Smarte Auth Device Inventory Specific (Smart Card)	59	Product – Quantity Allocation
3C	Smarte Auth Device Inventory Specific (Smart Card)	60	Notification Codes
3D	SA Device Inventory Specific (Secure Comp. Token)	61	Notification Master
4	Smarte Authentication END User Master	62	Shipment Methods
5	Smarte Authentication Authorization Master	63	Shipment Method
6	Smarte Authentication External Source Master	64	Shipment Method Limits
7	Smarte Authentication External Source Device	65	Shipment Location Limits
8	Smarte Auth External Source User Device Issue Auth	66	Tax Details
9	Smarte Authentication Device Lot Master	67	Seller Order ID Master
10	Smarte Authentication Device Access Log	68	Order Master
10A	Smarte Authentication Device Access Log ARCHIVE	69	Line Items
11	Smarte Authentication Specific System Activity Log	70	Transaction (Common)
12	Smarte Authentication Product Master	71	Transaction (Account Type Specific – Smarte Cash)
13	Smarte Auth External Source Device Issue Authority	72	Transaction (Account Type Specific – Smarte Credit)
14	Smarte Auth External Source/Auth User Cross Ref	73	Transaction (Account Type Specific – Admin)
15	Smarte Auth External Source Device Control Auth	74	Transaction (Account Type Specific – Smarte ACH)
16	Smarte Authentication Device Auth Overrides	75	Transaction – Smarte Credit Loan Record
17	Smarte Authentication ES Based End User Detail	776	Transaction – Smarte Credit Payment Log Reference
18	System Administration Data	77	Order Transaction - Master
19	System Administration Data – Signup	78	Order Transaction - Details
20	System Administration Data – Product	79	Batches
21	System Administration Data – Order	80	Batch Payment Due
22	System Administration Data – Transaction	81	Payment Log Table
23	Identifier Type Master	82	Transaction – Smarte Credit Interest Log Reference
24	Identifier Type Master – List Specific	83	Transaction – Returns
25	Random Question Master	84	FED Ready File – FED File Info Table
26	General Parameters	85	Pay Down Table
27	Holiday Master	86	System Administration Data - TCN
28	Activity Master	87	System Administration Data - BCN
29	Entity Activity Log	88	System Administration Data – Order Transaction
30	Telephone Master	89	System Administration Data – Return Transaction
31	Zip Master	90	Return Transaction - Details
32	State Master	91	Sub Buyer Accounts - Allocation
33	Time Zone Master	92	Chat
34	Sign up Details	93	ISO Account Details
35	User Master	94	Order Batch EXE
36	Identifier Master (User)	95	Shopping Bag Table
37	User Block Details	96	Smarte Credit Late Fee Log
38	Administration Users Master	97	FED Ready File Status
39	FI Master	98	TMP RECORD STORE: Accounts used in Order
40	FI Specific – Banks	99	TMP RECORD STORE: Keyword in Order
41	Seller Master	100	TMP RECORD STORE: Keywords used in Order
42	Buyer Master	101	TMP RECORD STORE: Product Category Path
43	Buyer Parent-Child Relation	102	TMP RECORD STORE: Product Class Order
44	Buyer Shipping Details	103	TMP RECORD STORE: Shop Cart Items
45	ISO Profile	104	TMP RECORD STORE: Search Items
46	Accounts Master	105	TMP RECORD STORE: Activate/Interest Process Flag
47	Accounts Type Specific – Smarte Credit	106	TMP RECORD STORE: MoveMoney Identifier Master
48	Accounts Type Specific – Smarte ACH	107	Product Class Category Master
49	Accounts Type Specific – Smarte Cash	108	Smarte Authentication Product/Device Cross Reference
50	Accounts Type Specific – Admin		

Fig. 27

Key to Fig. 26 System Data Structure

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Fig. 28

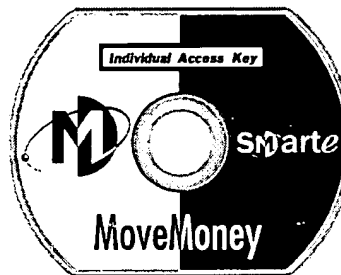


Fig. 29

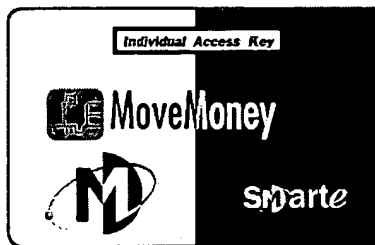


Fig. 30

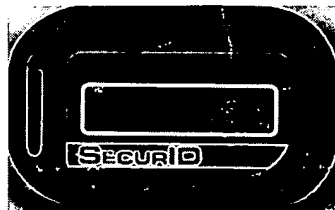


Fig. 31

0909524-101201

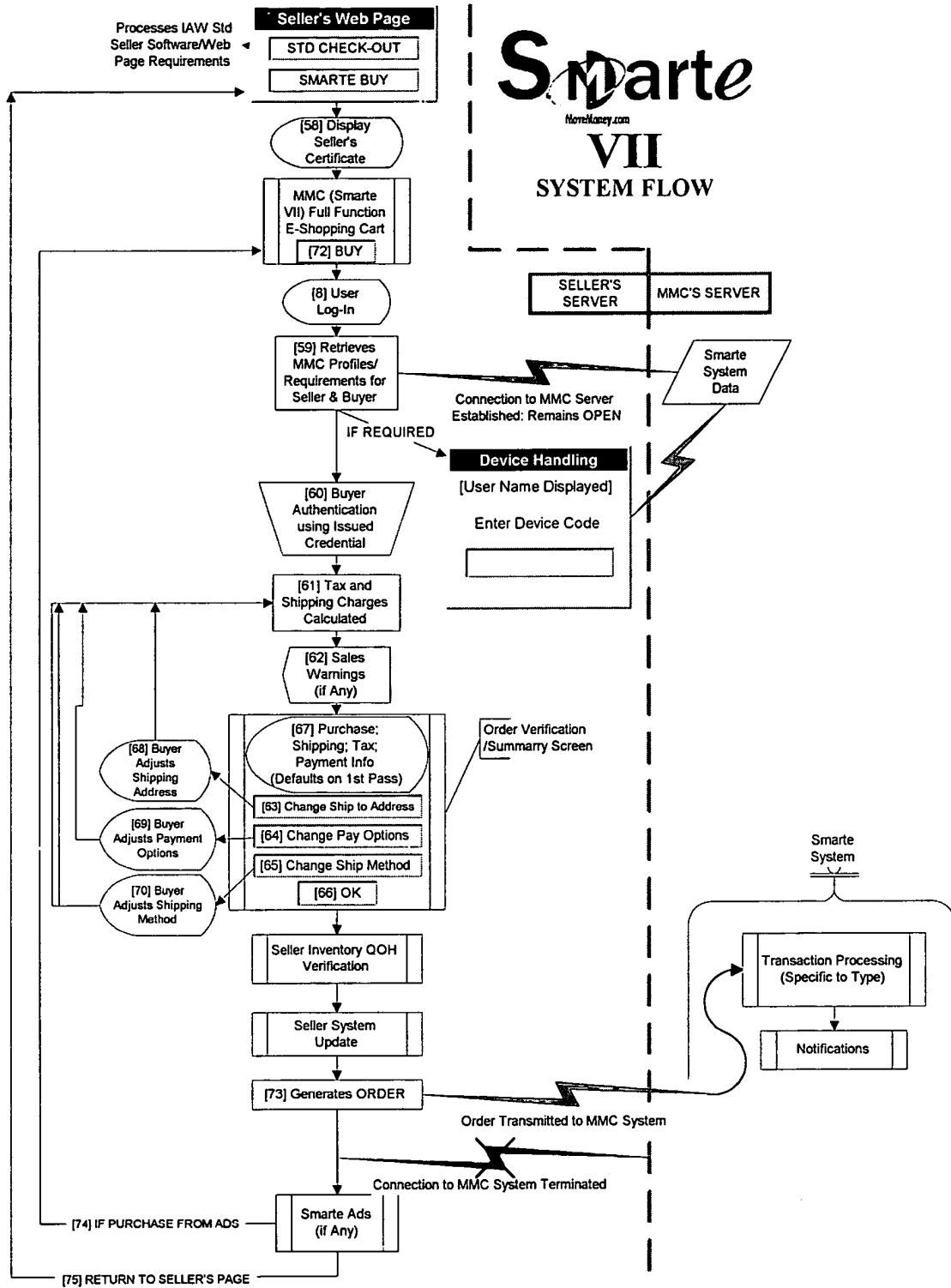


Fig. 32

# Smarte

HaveMoney.com

## VII LIGHT

### SYSTEM FLOW

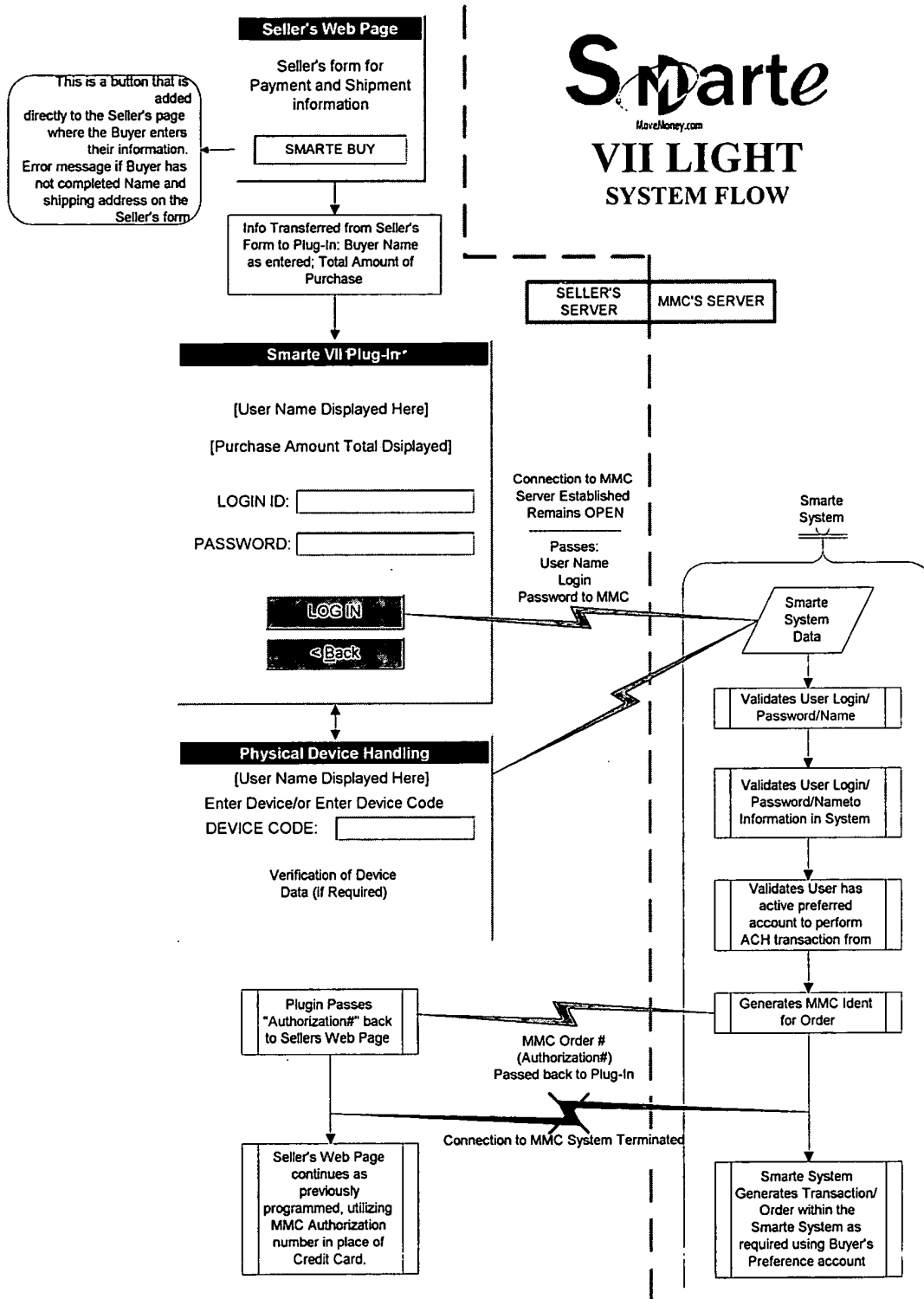


Fig. 33



# MoveMoney Smarte Authentication

## SYSTEM FLOW USER AUTHENTICATION

### OPTION I USE LIMITED TO SINGLE KNOWN DEVICE TYPE/ SINGLE DEVICE

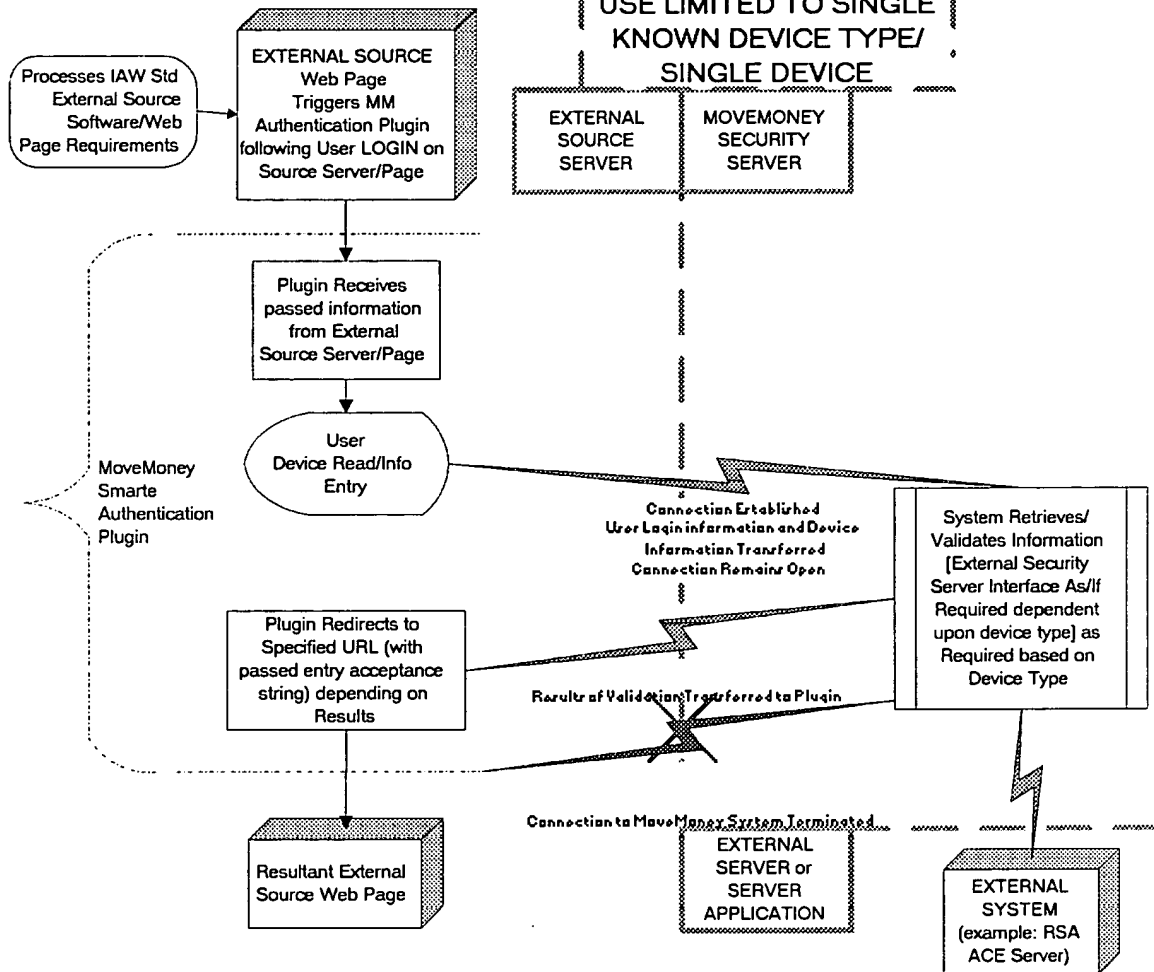


Fig. 34

0909524-101201

# MoveMoney Smarte Authentication

## SYSTEM FLOW USER AUTHENTICATION OPTION II MULTIPLE DEVICE TYPE USAGE ENABLED/ MULTIPLE USER DEVICES

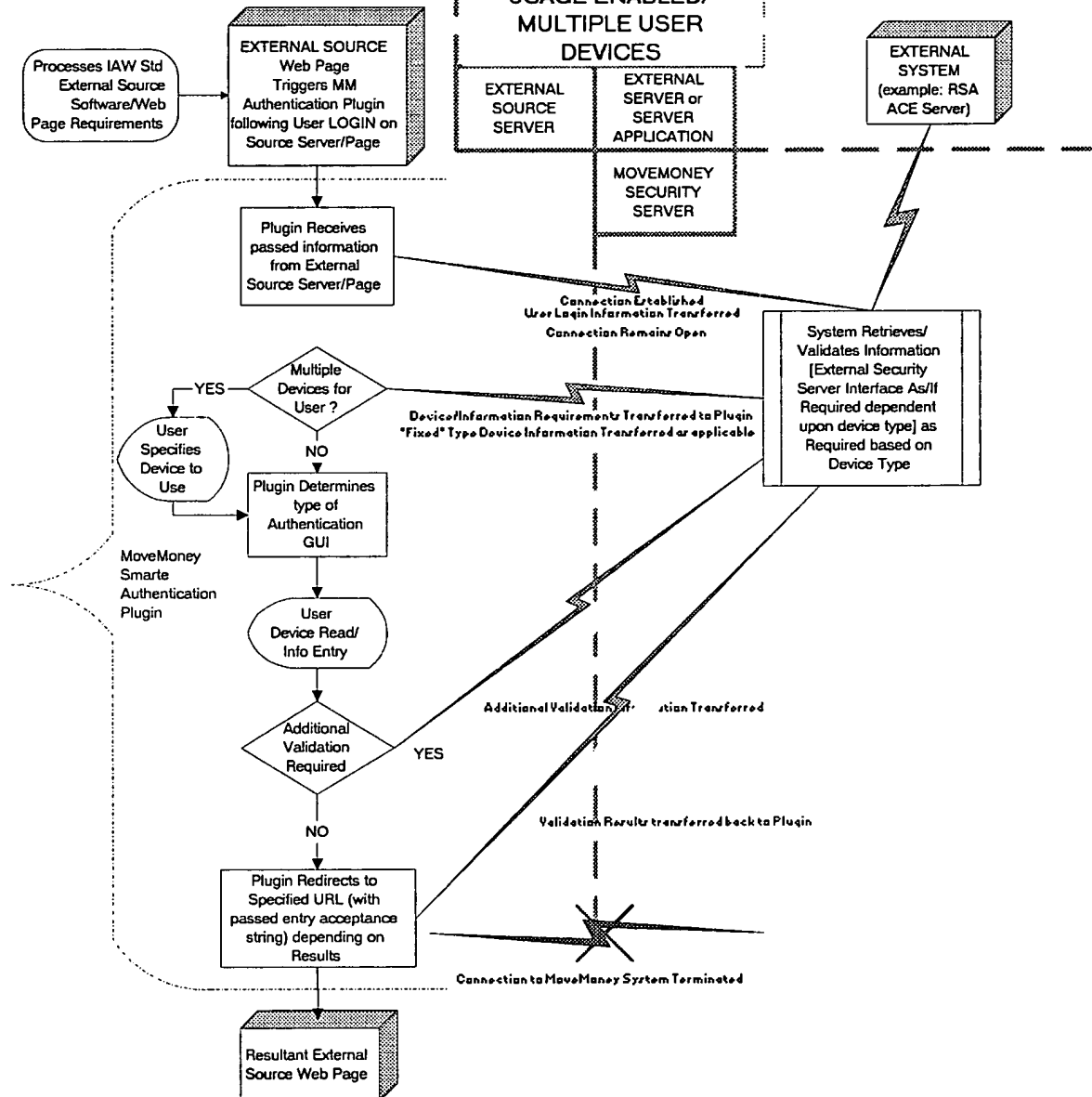


Fig. 35

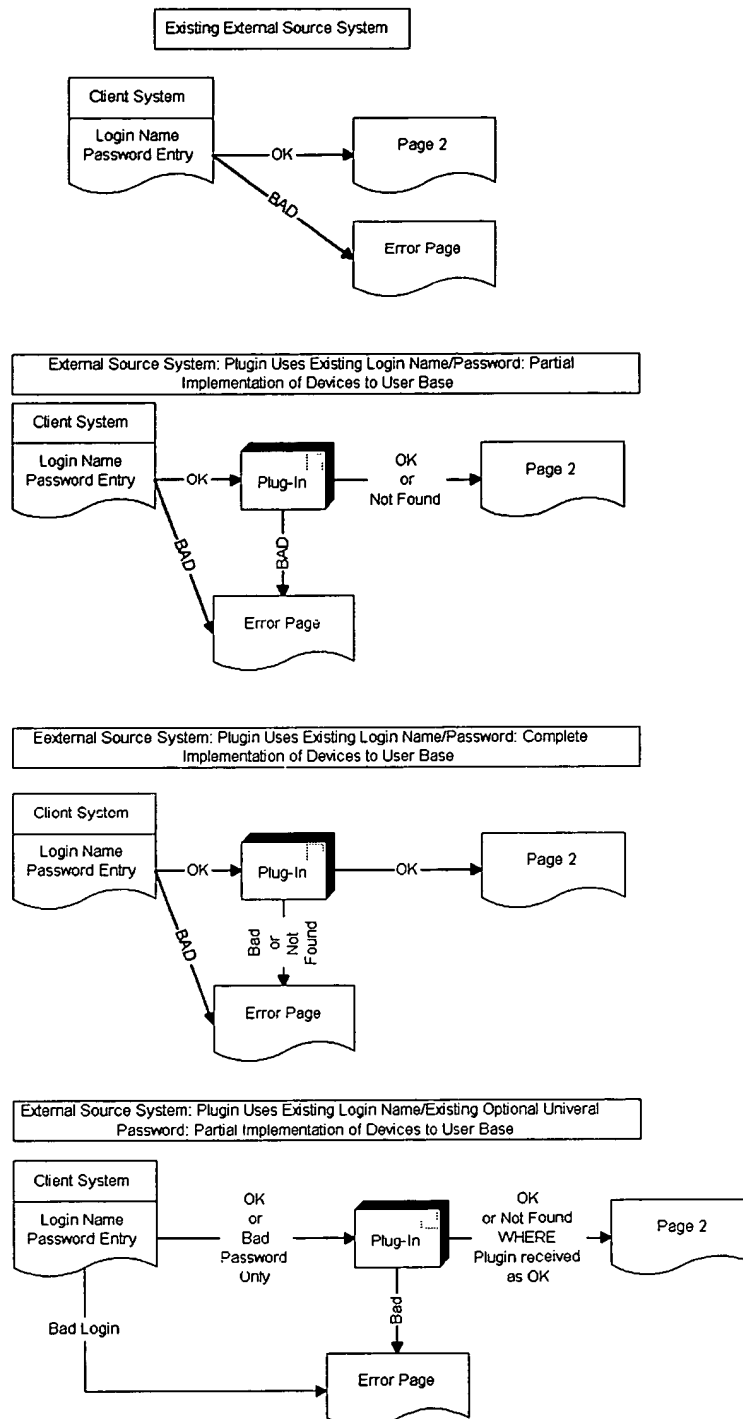
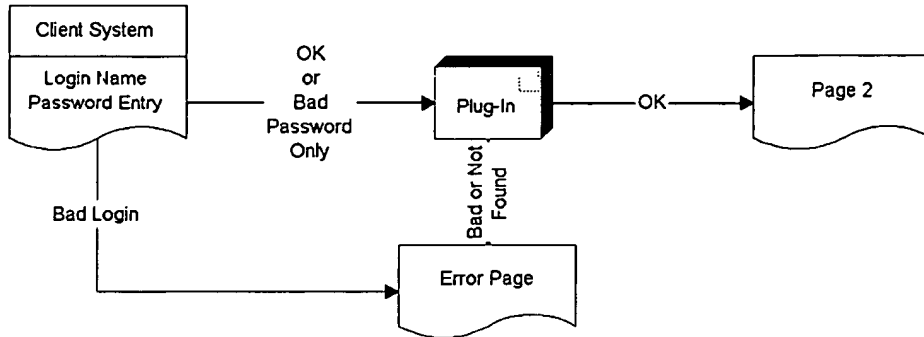
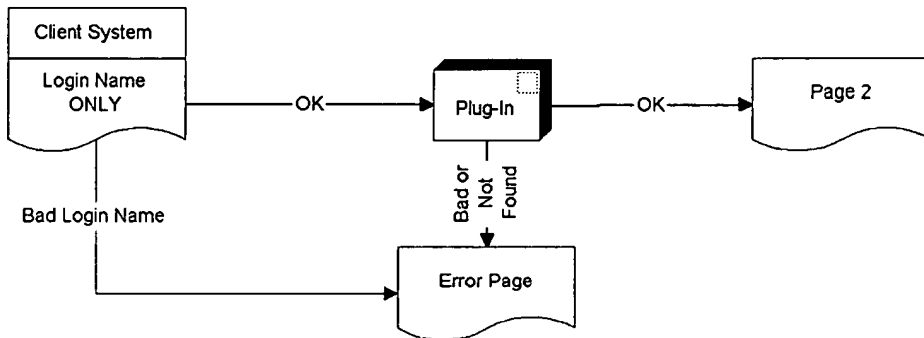


Fig. 36

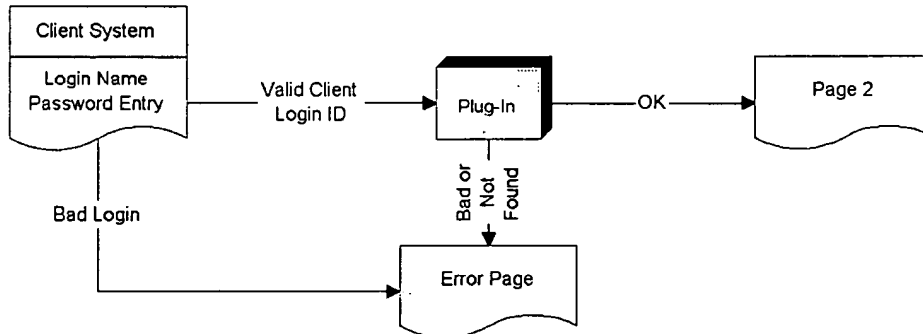
External Source System: Plugin Uses Existing Login Name/Existing Optional Universal Password: Complete Implementation of Devices to User Base



External Source System: Plugin Uses Existing Login Name/NO Password: Complete Implementation of Devices to User Base



External Source System: Plugin Uses Existing Login Name/Mandatory Universal Password: Complete Implementation of Devices to User Base



**Fig. 37**

**PLUG-IN INFORMATION/ACTION/  
INTERACTION BASIC VARIANTS**  
**[User Authentication]**

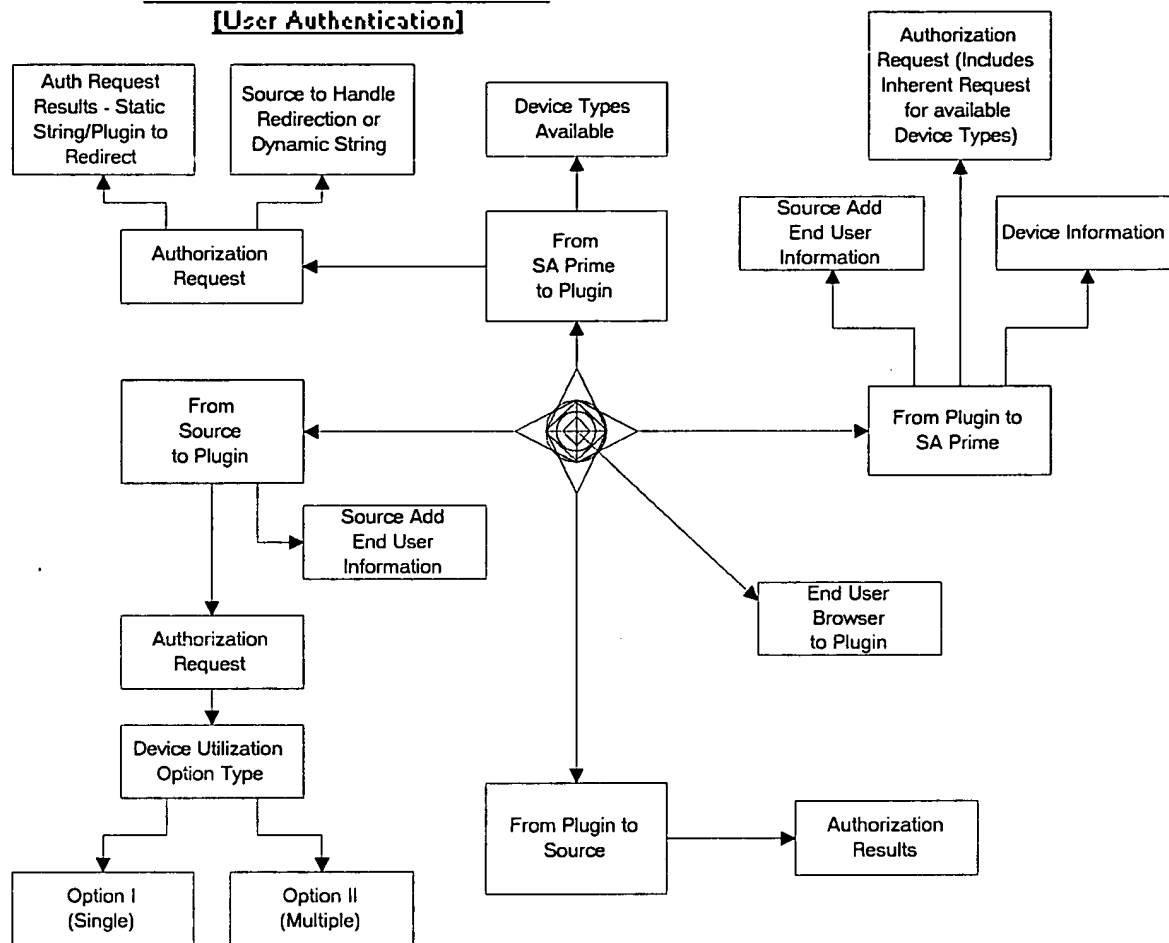


Fig. 38

0909524-101201

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# MoveMoney Smarte Authentication

## SYSTEM FLOW PRODUCT AUTHENTICATION CD MEDIA BASED DISTRIBUTED PROGRAMS ONLY

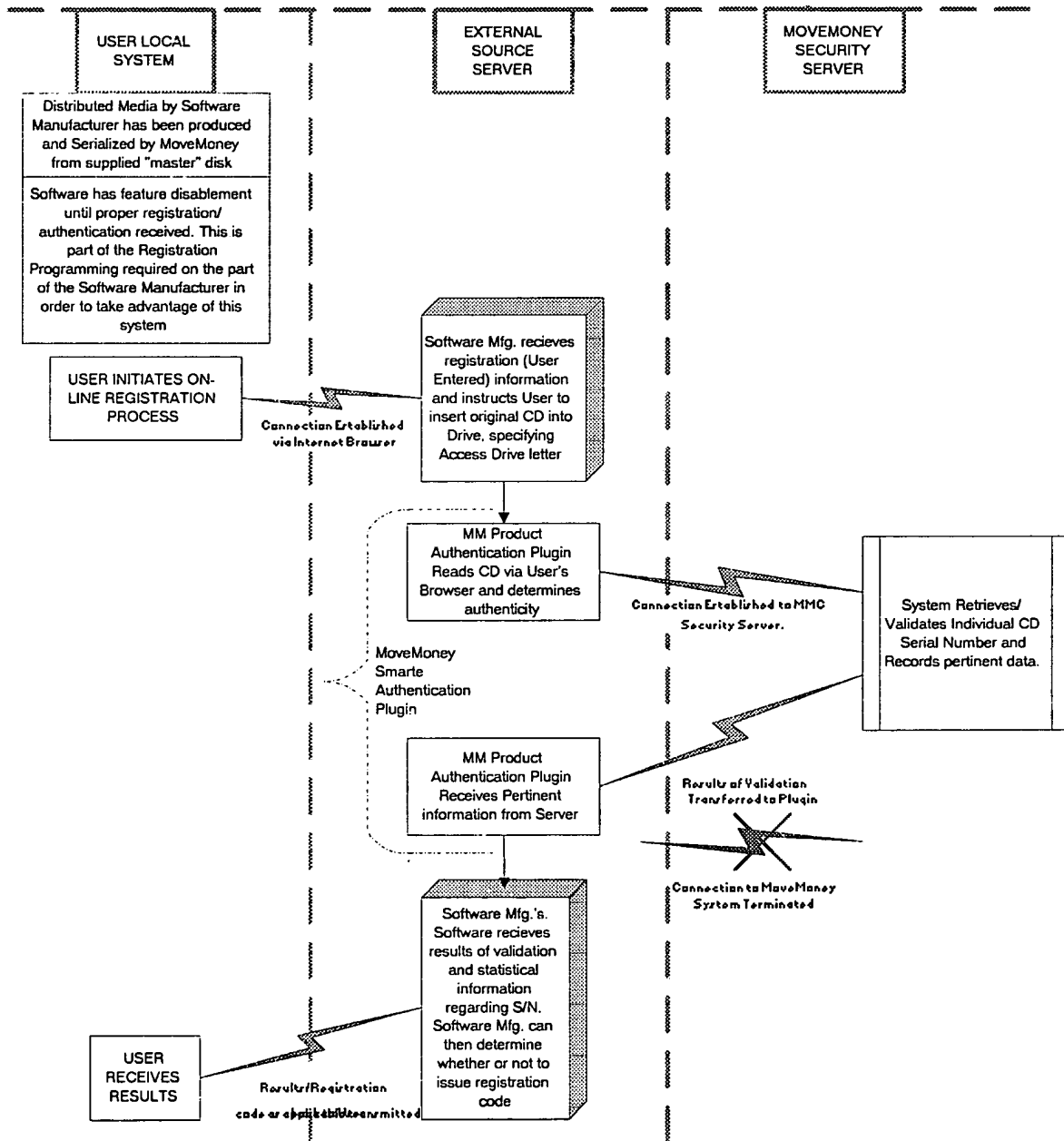


Fig. 39

099054-1001

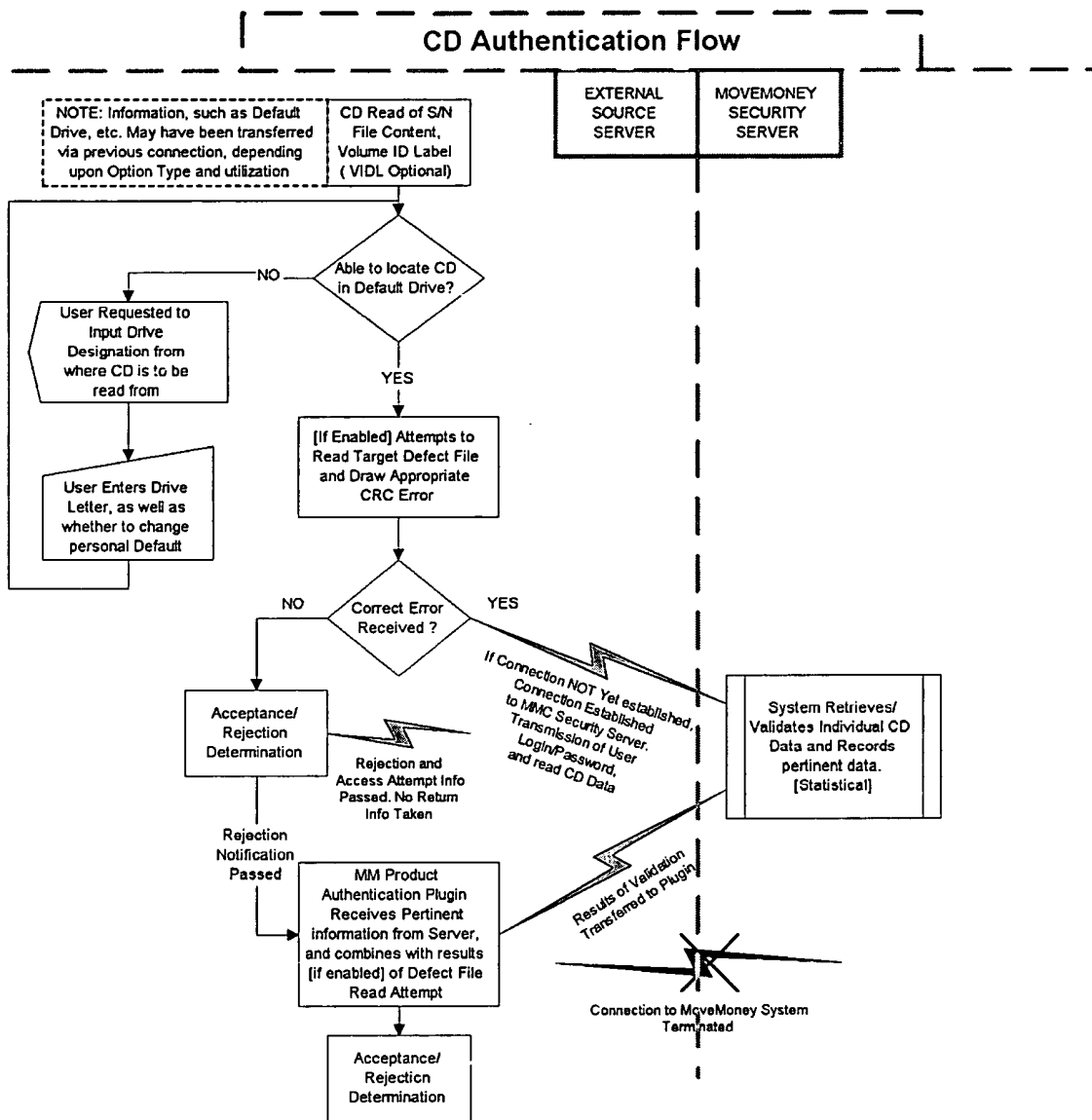


Fig. 40

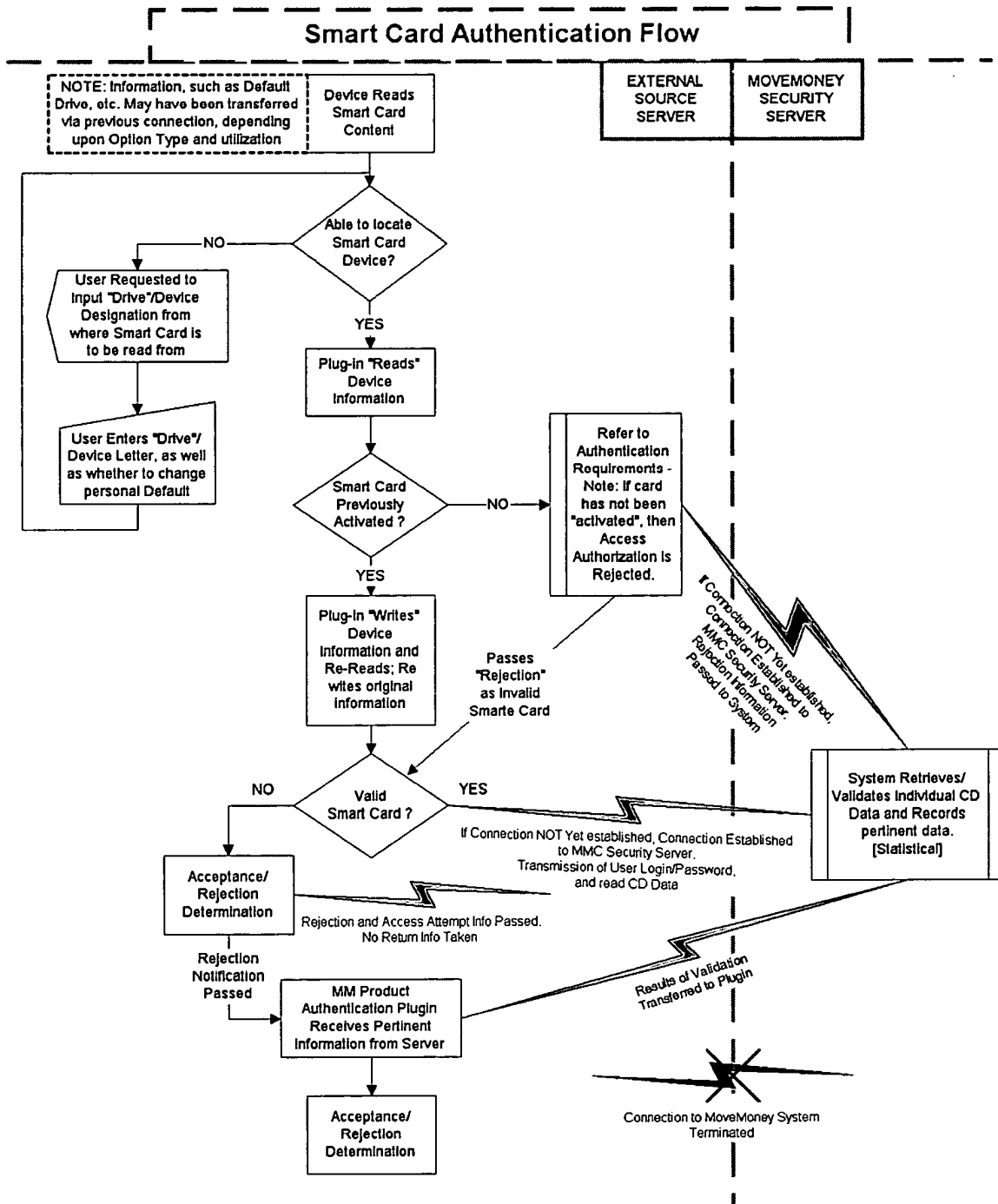


Fig. 41

### 3rd Party Device/Server/System Authentication Flow

At this point, the Authentication Plugin has already received information stating the type of device and the requirement for additional Authentication Pass. Note that in the case where indicated that a SINGLE TYPE of device is utilized, this information is ALREADY known. At this point, User is presented with Data Entry Screen

EXTERNAL  
SOURCE  
SERVER

MOVEMONEY  
SECURITY  
SERVER

User  
Enters Device  
Information (Pin/  
Code/etc.)

If Connection NOT Yet established,  
Connection Established at this point  
to MMC Security Server.  
Transmission of User  
Login/Password  
and entered Device Data

System Retrieves/Validates  
Information  
[External Security Server Interface  
As/If Required dependent upon device  
type] as Required based on Device  
Type

MM Product Authentication  
Plugin Receives Pertinent  
information from Server

Validation Results transferred back to Plugin

Sends  
Accept/  
Reject

Sends  
Applicable  
Data

Connection to MoveMoney System  
Terminated

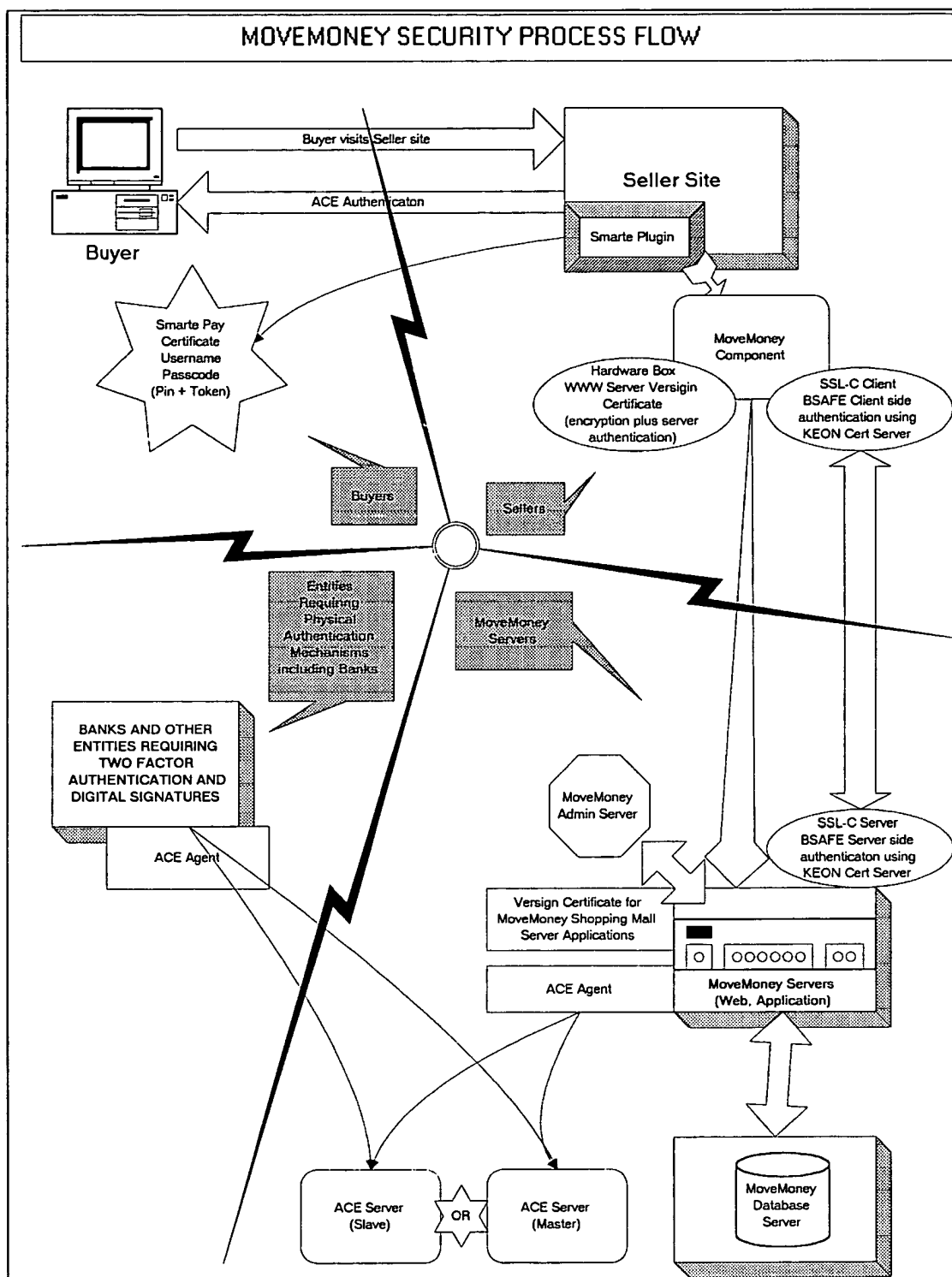
EXTERNAL  
SERVER or  
SERVER  
APPLICATION

EXTERNAL  
SYSTEM  
(example: RSA  
ACE Server)

Acceptance/  
Rejection  
Determination

Fig. 42

FOR "4250660"



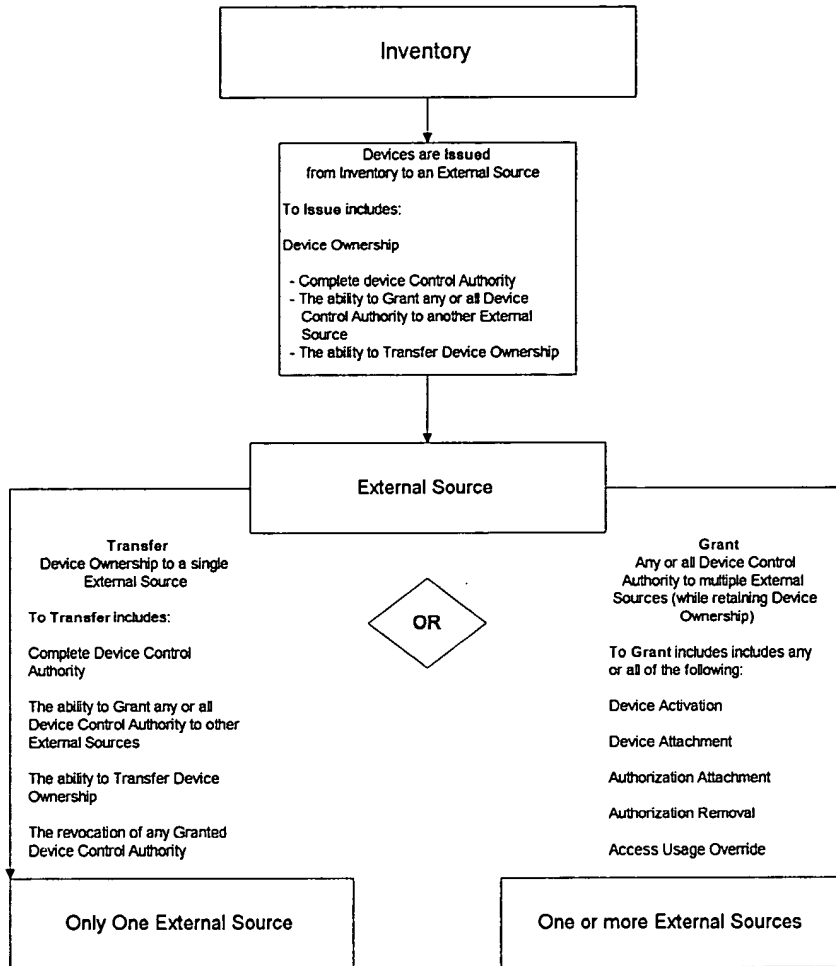


Fig. 44

## Basic "Tier" Structure of Transactions/Transaction Relationships

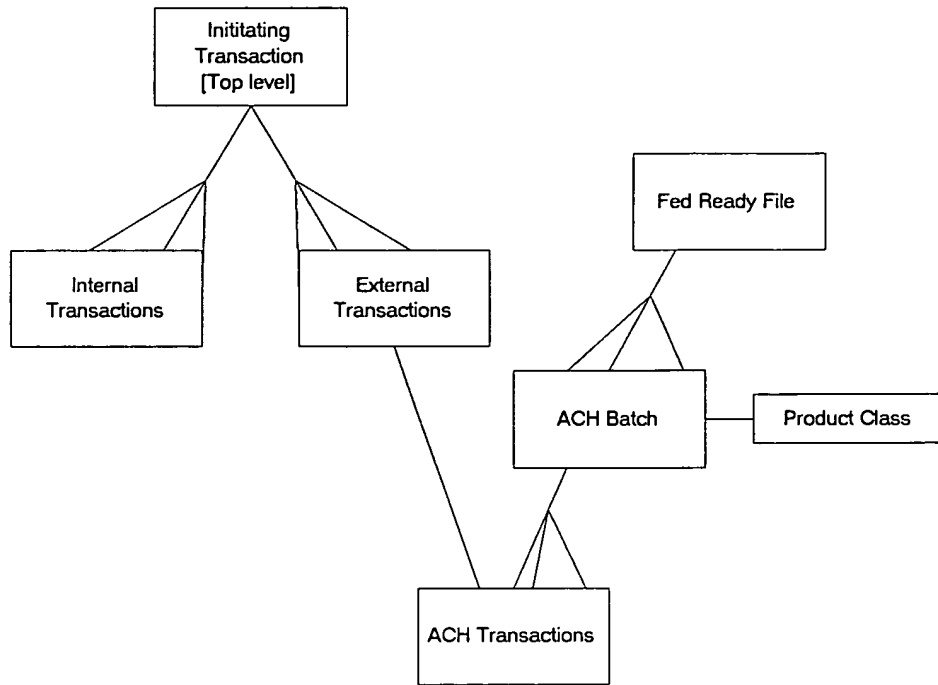


Fig. 45

FOR OFFICIAL USE ONLY

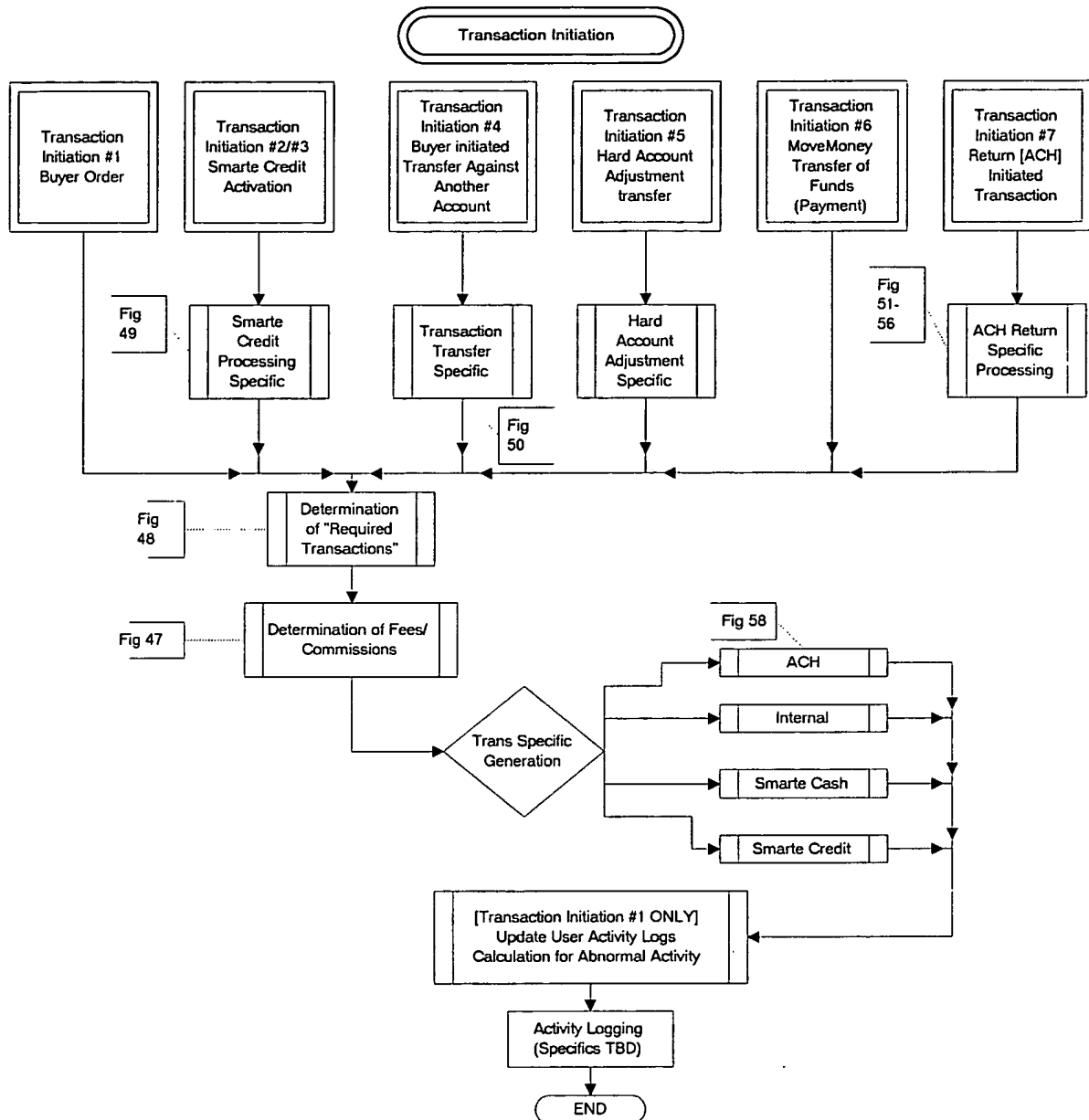


Fig. 46

102101-4256060

## Determination of Fees/Comms (Order Level)

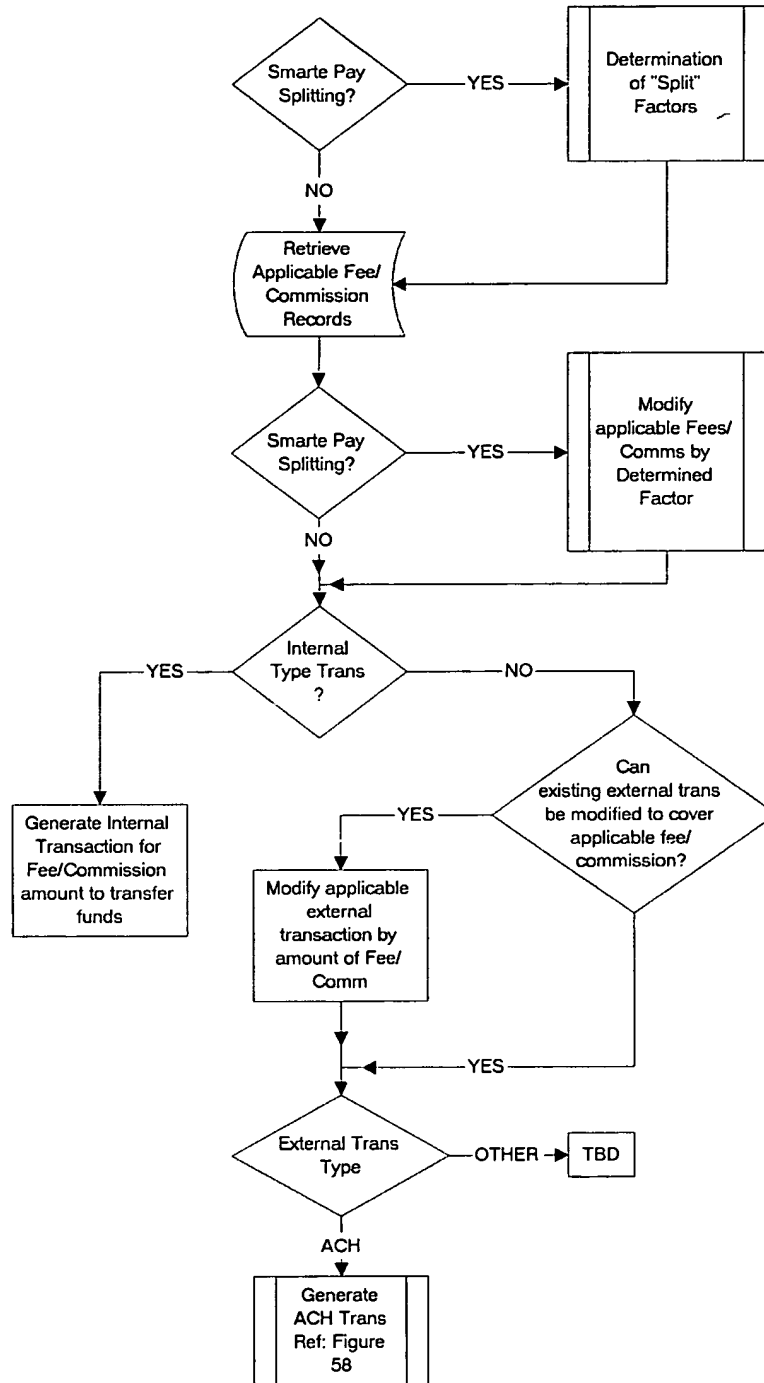


Fig. 47

FOI# 42560660

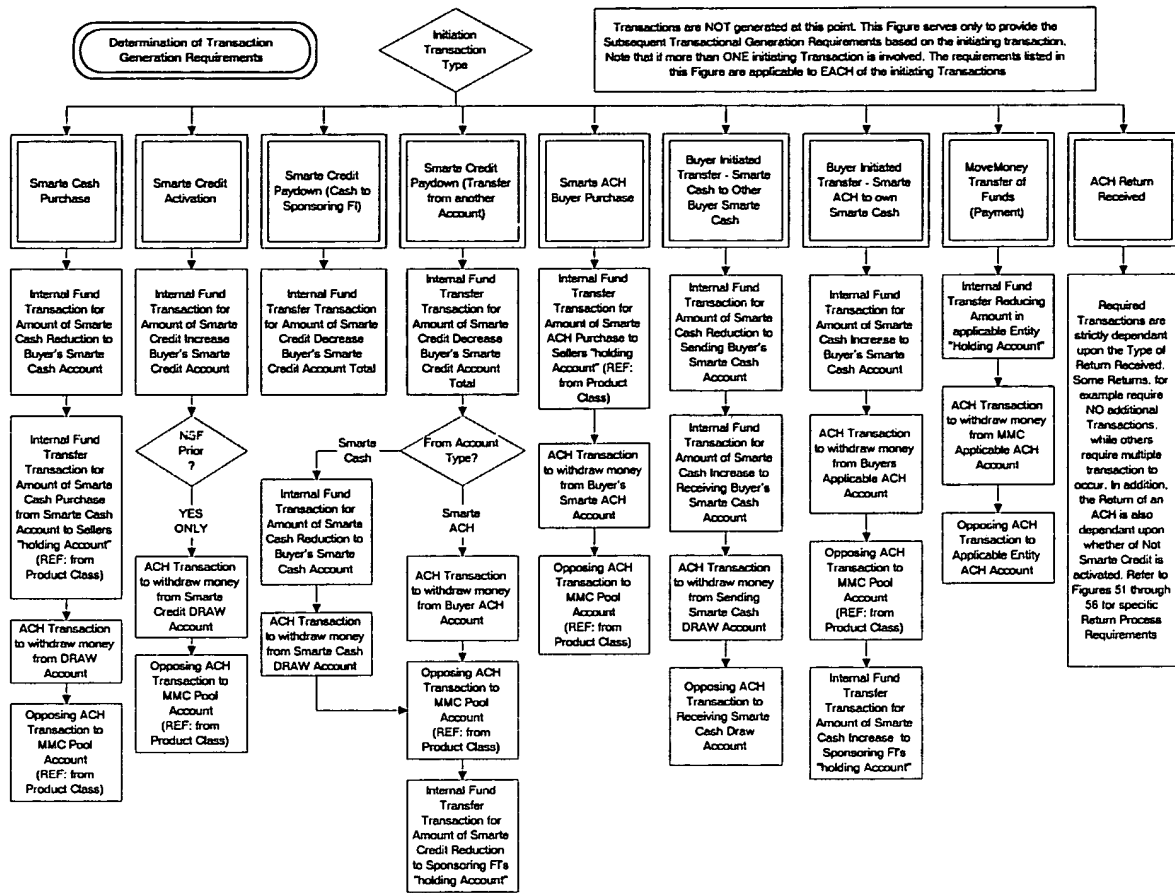


Fig. 48

## Smarte Credit Initiation Processing

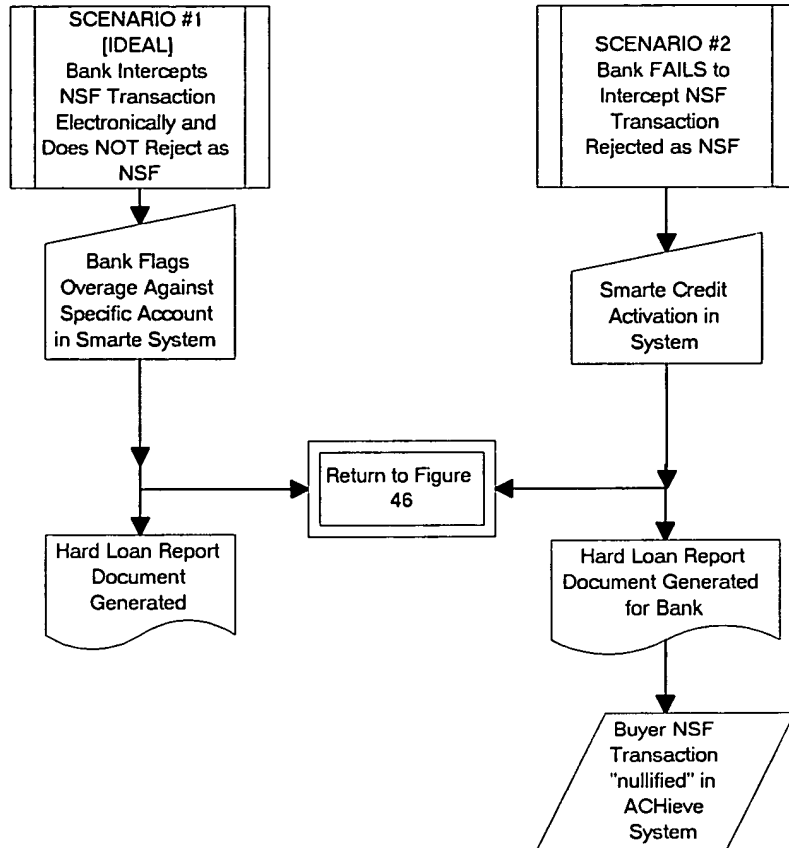


Fig. 49

T02T0T"42560660

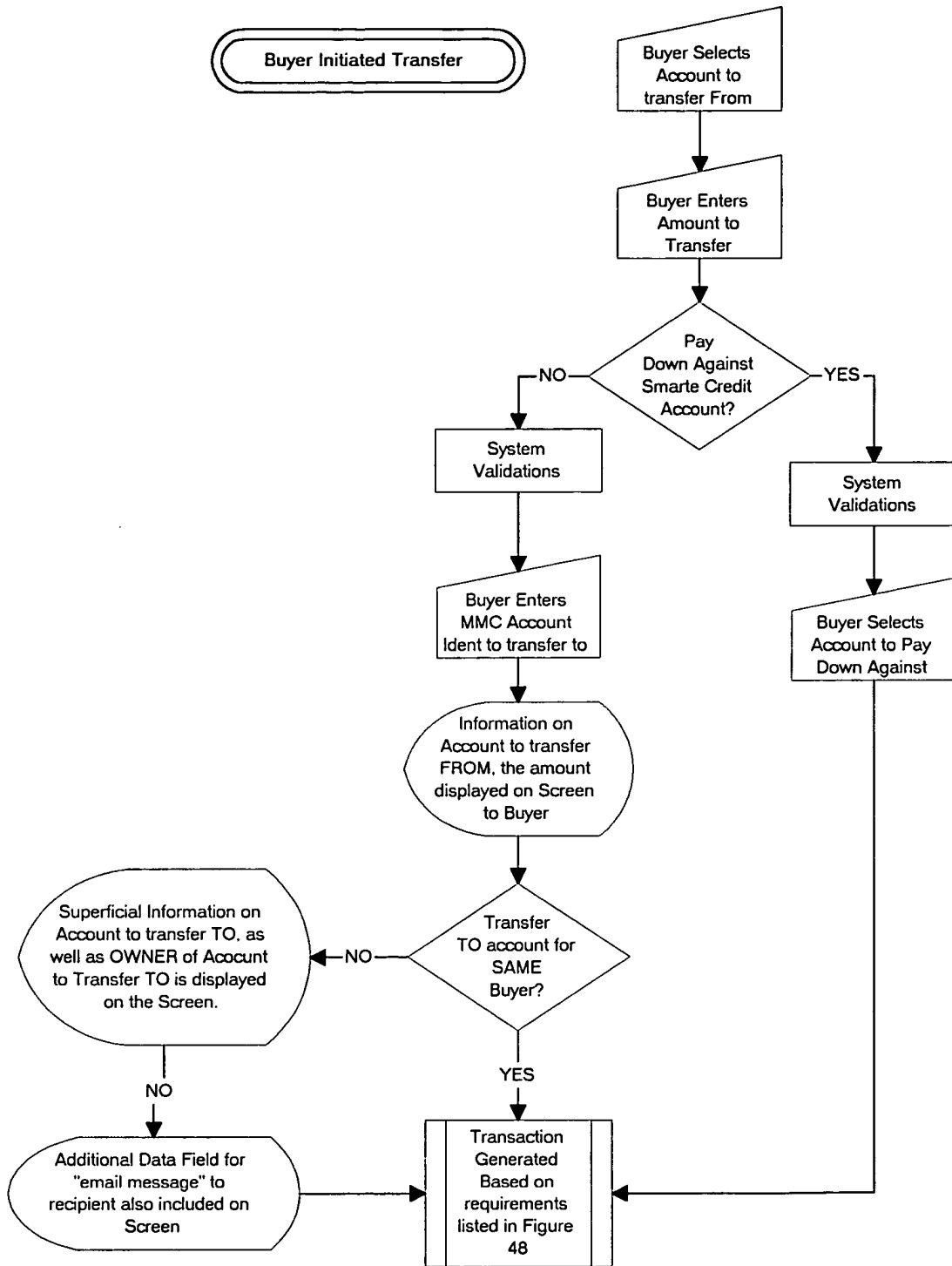


Fig. 50

102707 42560660

## Return Processing

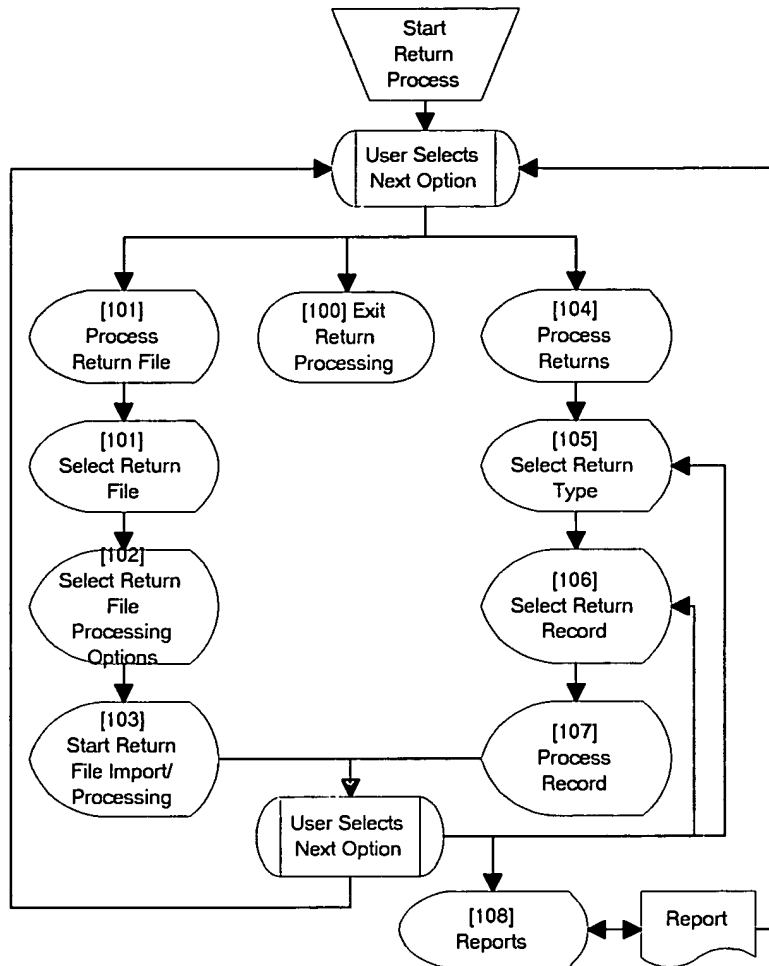


Fig. 51

090054-101201

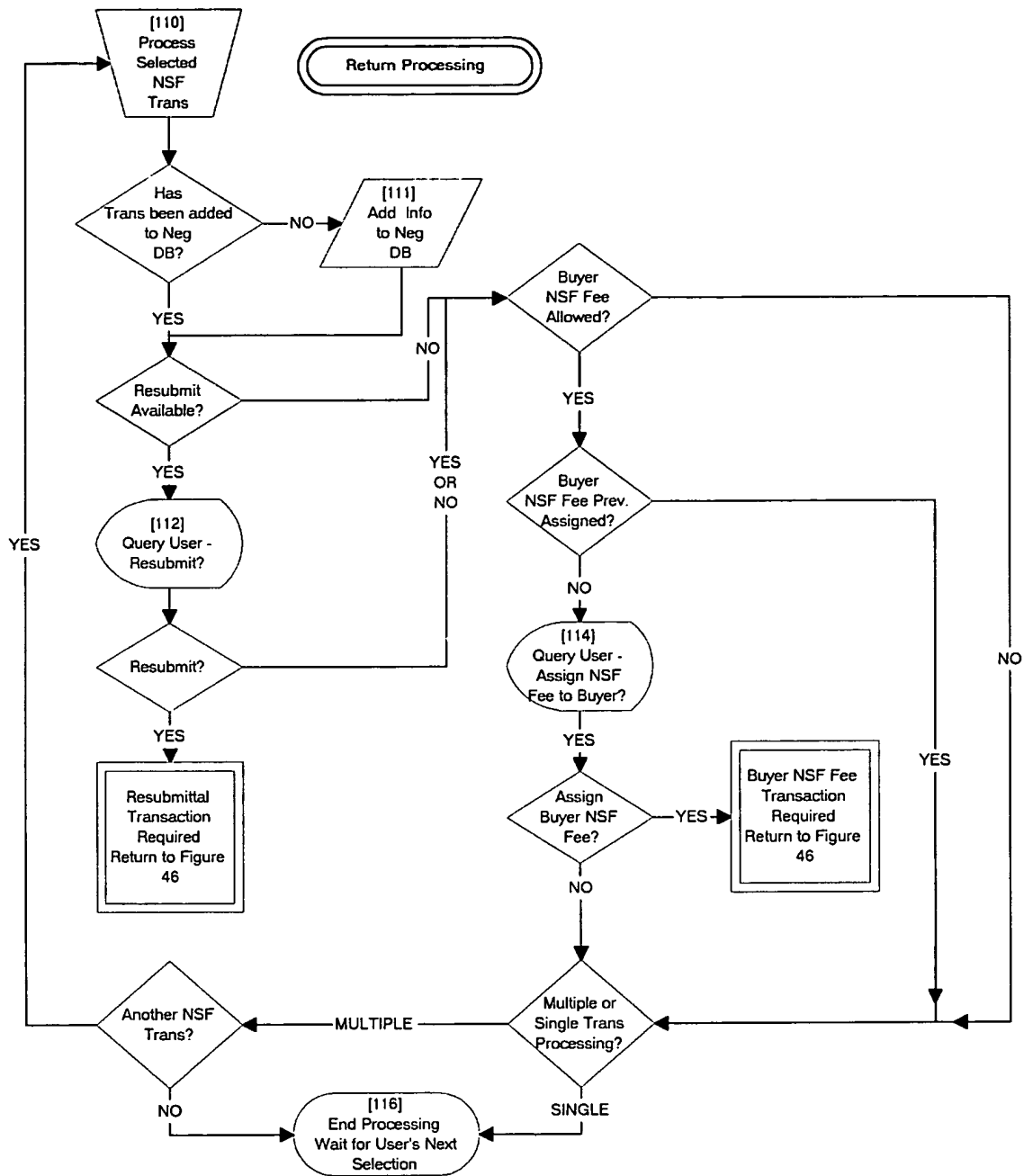


Fig. 52

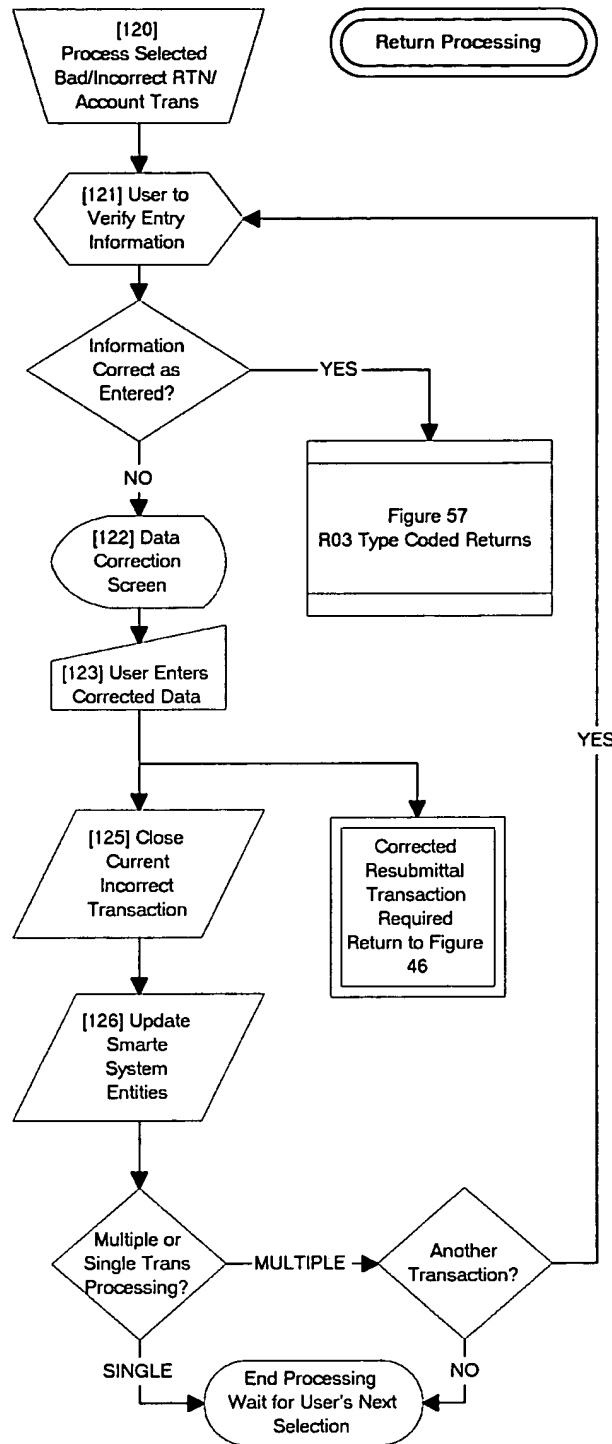
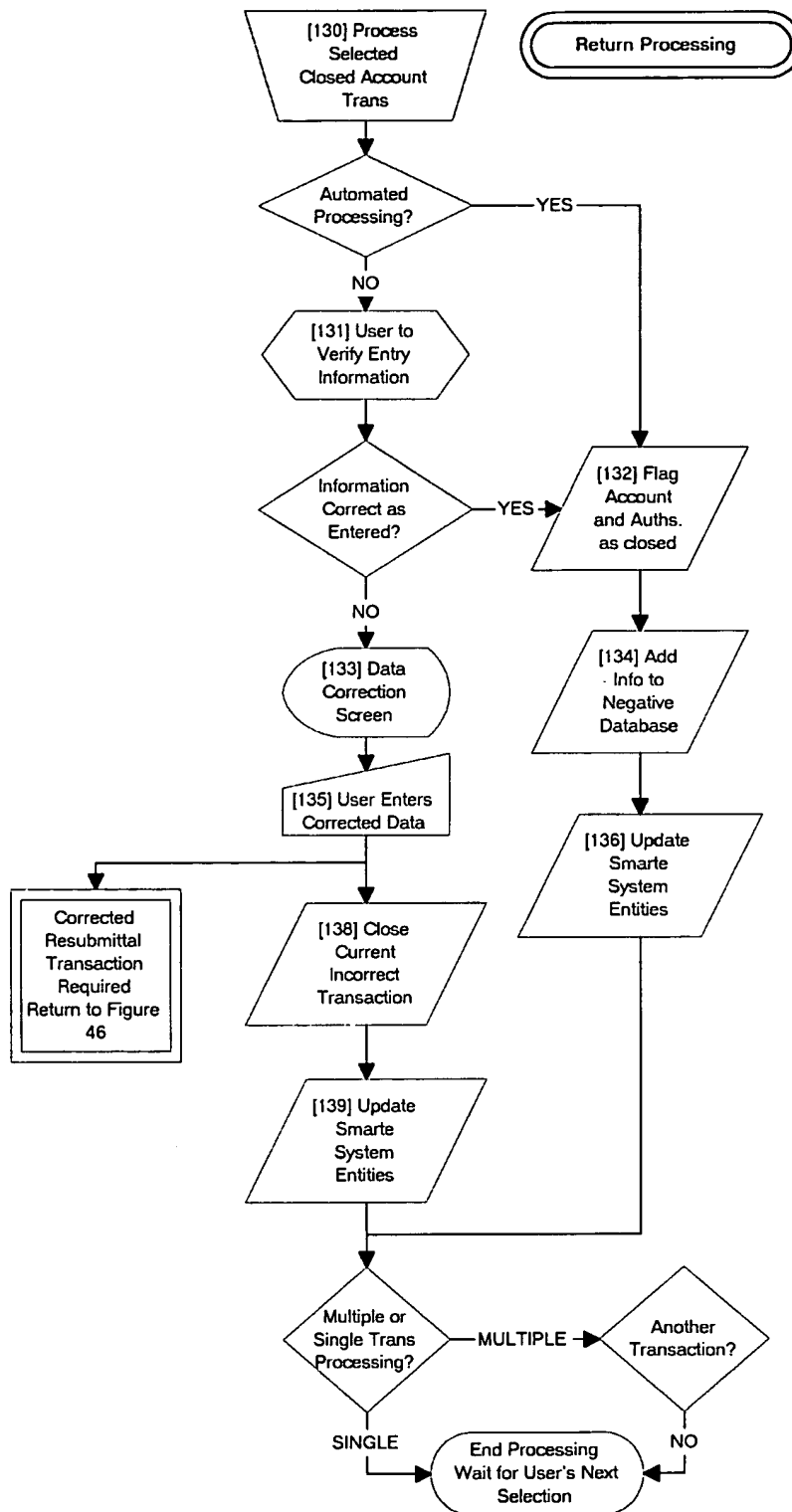


Fig. 53

09909524-101201



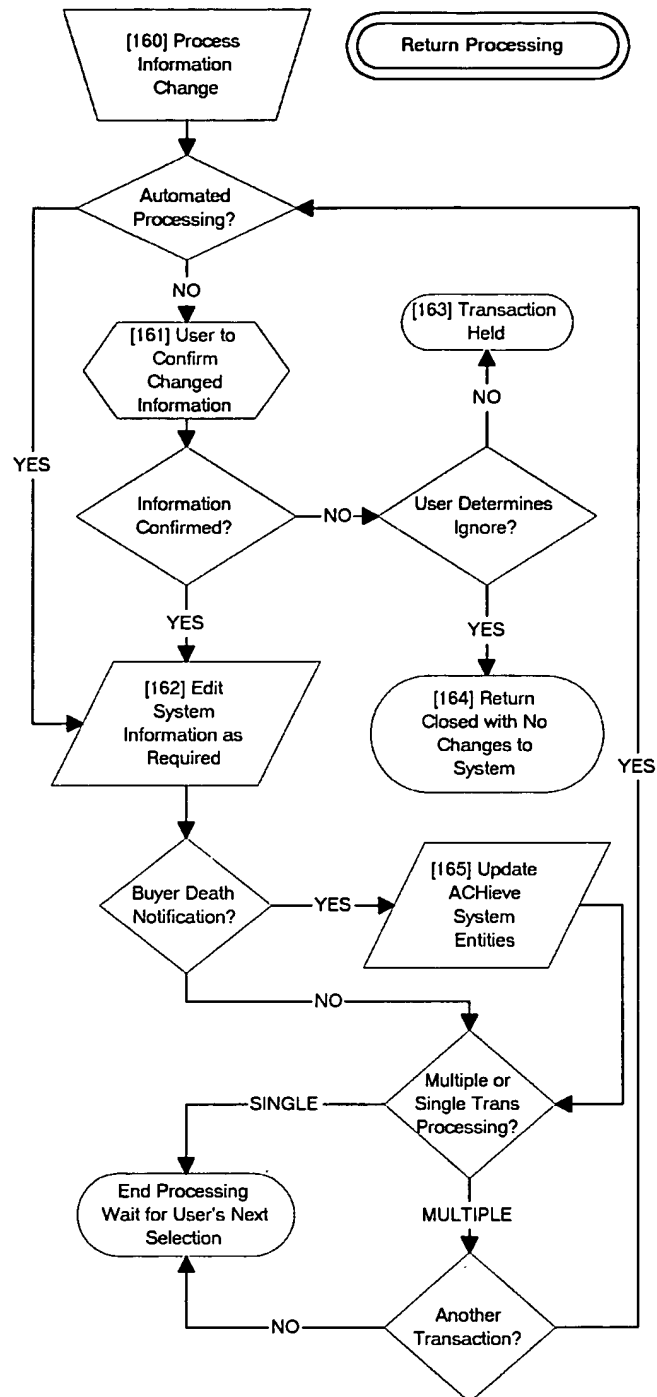


Fig. 55

102707-42560660

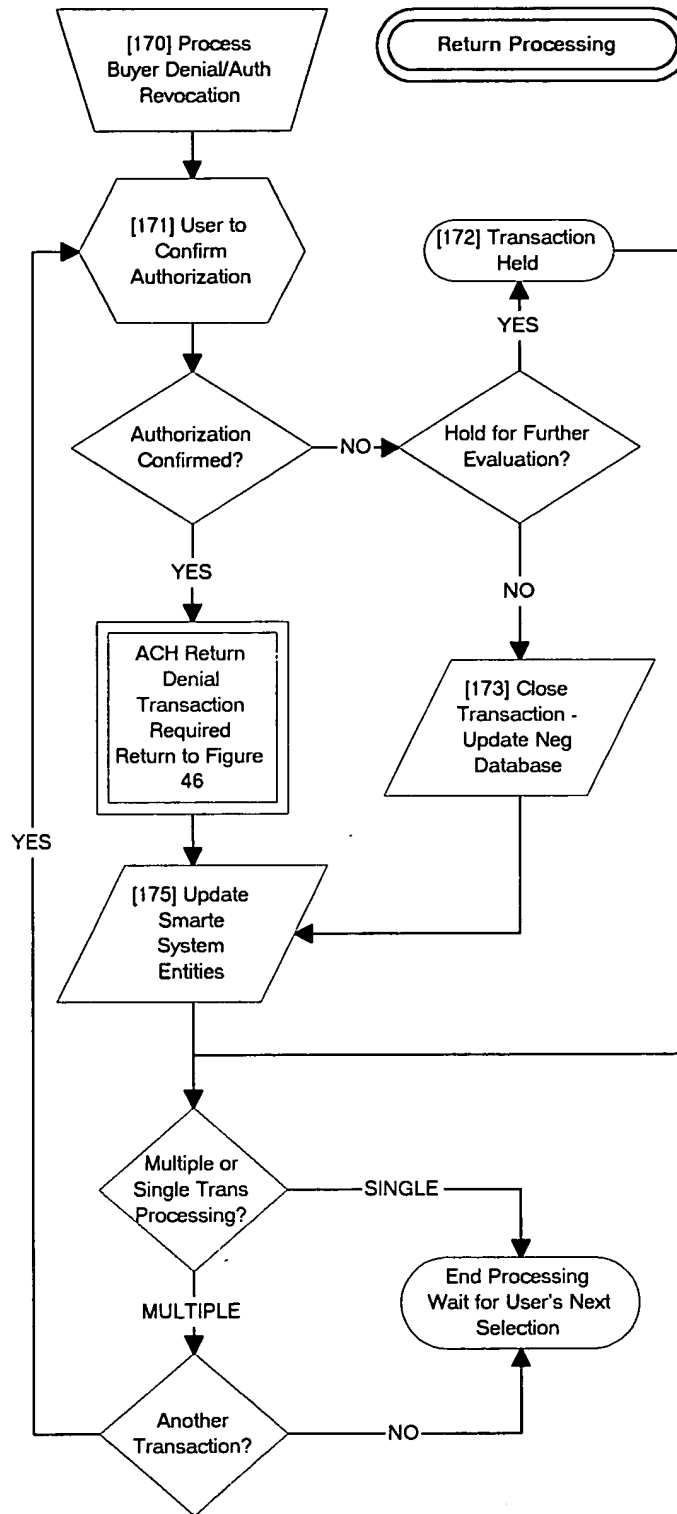
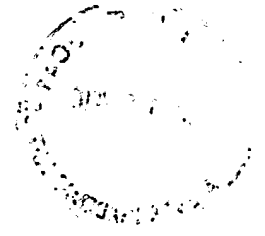
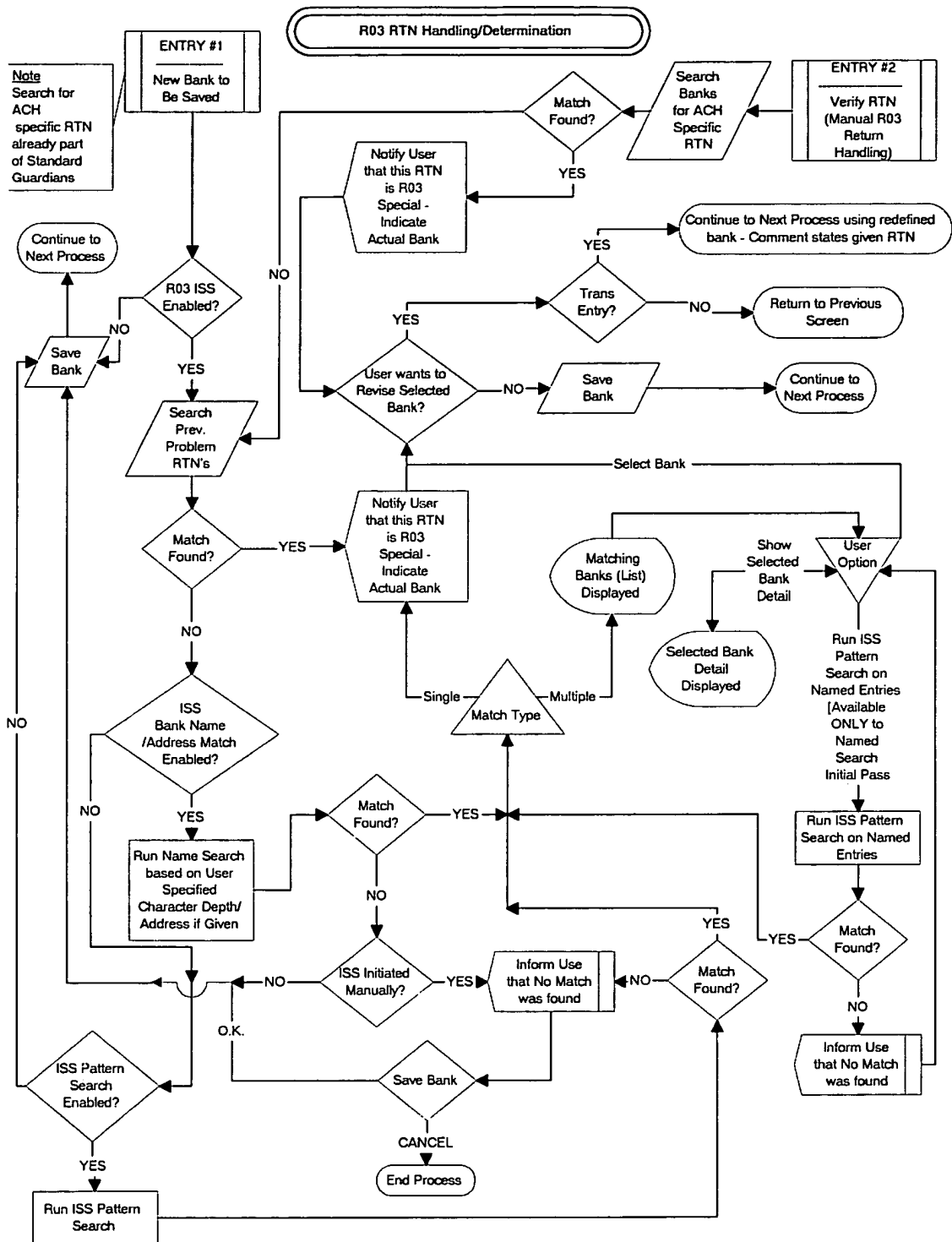
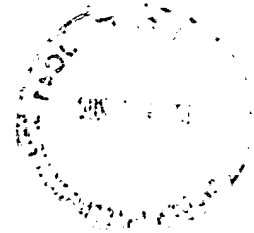


Fig. 56



069554-101



# ACH Transaction Generation

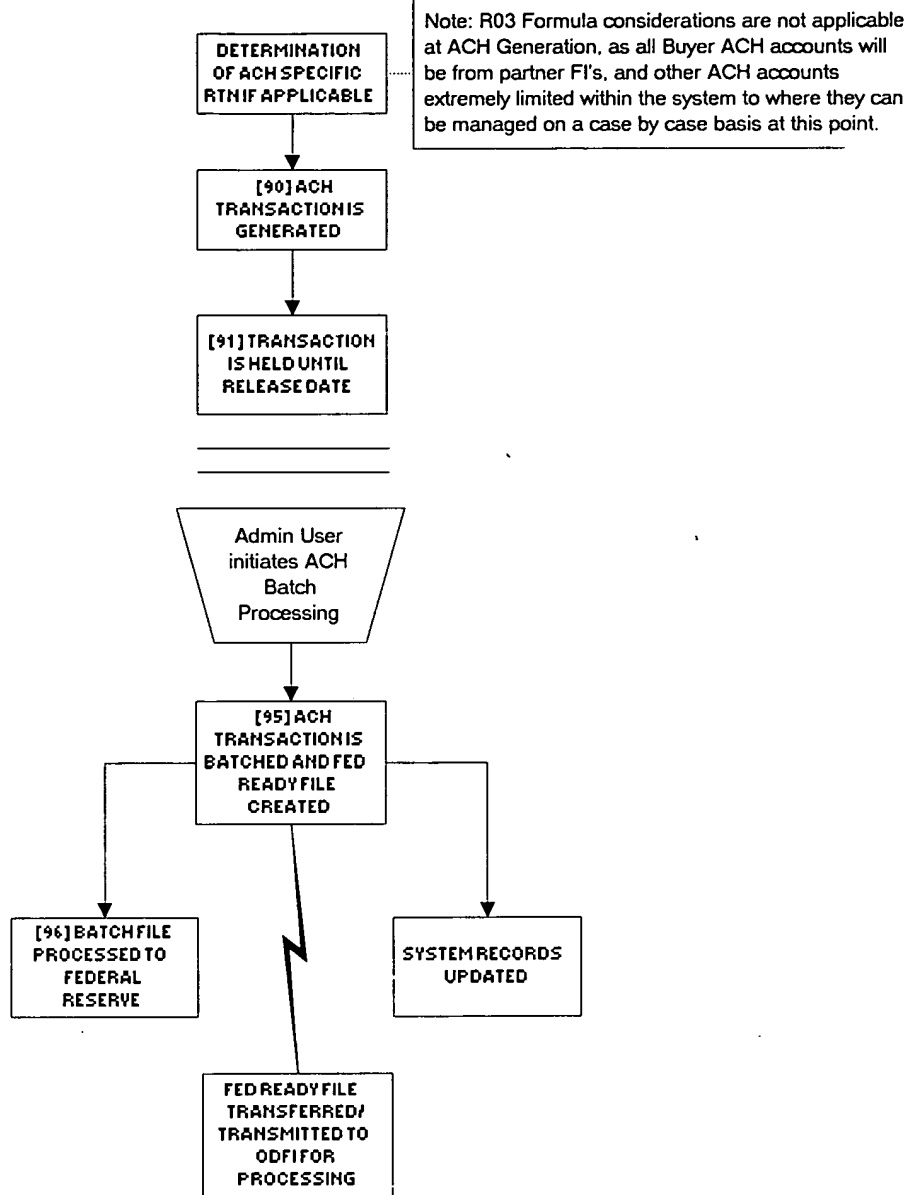


Fig. 58

09909524-101204

R03 RTH SPECIFICATION

UNRECOGNIZED RTH  
(L11 - RTH SHOWN HERE)

Select Actual RTH from Existing Banks in ACHieve System

DBList2

◀◀ Banks by RTH Asc ▶▶

Cancel - Return to Previous Screen

Fig. 59

FOI b7E b7C b7D b7F b7G b7H b7I b7J b7K b7L b7M b7N b7O b7P b7Q b7R b7S b7T b7U b7V b7W b7X b7Y b7Z

R03 RTN SPECIFICATION

UNRECOGNIZED RTN  
(L11 - RTN SHOWN HERE)

Select Actual RTN from Existing Banks in ACHieve System

DBList2

☐ ☐ Banks by RTN Asc ☐ ☐

- This is a STANDARD Replacement (ACH ONLY) RTN for this Bank
- This is a CALCULATED RTN, that varies for this Bank for each individual Transaction

Cancel - Return to Previous Screen

Fig. 60

09909524.101201

**R03 RTH SPECIFICATION**

**UNRECOGNIZED RTH**  
**(L11 - RTH SHOWN HERE)**

**Select Actual RTH from Existing Banks in ACHieve System**  
**DBList2**

**Banks by RTH Asc**

☐ This is a STANDARD Replacement (ACH ONLY) RTH for this Bank  
☐ This is a CALCULATED RTH, that varies for this Bank for each individual Transaction

**Define Calculated RTH Formula for this Bank**

**Cancel - Return to Previous Screen**

**Fig. 61**

**CALCULATED RTH DEFINITION**

**UNRECOGNIZED RTH**  
{L14: RTH SHOWN HERE}

Select Calculated RTH Digit Position to Define

<input type="radio"/> Position 1	<input type="radio"/> Position 5
<input type="radio"/> Position 2	<input type="radio"/> Position 6
<input type="radio"/> Position 3	<input type="radio"/> Position 7
<input type="radio"/> Position 4	<input type="radio"/> Position 8

(Position 9 is a Check Digit ONLY)

Current RTH Calculation Definition

Position 1: Unknown/Not Defined  
 Position 2: Unknown/Not Defined  
 Position 3: Unknown/Not Defined  
 Position 4: Unknown/Not Defined  
 Position 5: Unknown/Not Defined  
 Position 6: Unknown/Not Defined  
 Position 7: Unknown/Not Defined  
 Position 8: Unknown/Not Defined

[Return to Previous Screen](#)

Fig. 62

FOOT " 42560660



CALCULATED RTN DEFINITION		UNRECOGNIZED RTN (L14 - RTN SHOWN HERE)
<u>Select Calculated RTN Digit Position to Define</u>		<u>Current RTN Calculation Definition</u>
<input type="radio"/> Position 1 <input type="radio"/> Position 2 <input type="radio"/> Position 3 <input type="radio"/> Position 4 (Position 9 is a Check Digit ONLY)	<input type="radio"/> Position 5 <input type="radio"/> Position 6 <input type="radio"/> Position 7 <input type="radio"/> Position 8	Position 1: Unknown/Not Defined Position 2: Unknown/Not Defined Position 3: Unknown/Not Defined Position 4: Unknown/Not Defined Position 5: Unknown/Not Defined Position 6: Unknown/Not Defined Position 7: Unknown/Not Defined Position 8: Unknown/Not Defined
<input type="button" value="Define/Redefine Position"/>		
<input type="button" value="Return to Previous Screen"/>		

Fig. 63

09909524-10201



**CALCULATED RTH DEFINITION**

**UNRECOGNIZED RTH**  
(L14 - RTH SHOWN HERE)

Select Calculated RTH Digit Position to Define

<input type="radio"/> Position 1	<input type="radio"/> Position 5
<input type="radio"/> Position 2	<input type="radio"/> Position 6
<input type="radio"/> Position 3	<input type="radio"/> Position 7
<input type="radio"/> Position 4	<input type="radio"/> Position 8

(Position 9 is a Check Digit ONLY)

Current RTH Calculation Definition

Position 1: Unknown/Not Defined  
 Position 2: Unknown/Not Defined  
 Position 3: Unknown/Not Defined  
 Position 4: Unknown/Not Defined  
 Position 5: Unknown/Not Defined  
 Position 6: Unknown/Not Defined  
 Position 7: Unknown/Not Defined  
 Position 8: Unknown/Not Defined

Define Position 3

<input type="radio"/> Defined by Parent RTH Position
<input type="radio"/> Defined by Parent Account Position
<input type="radio"/> Defined by Constant Value
<input type="radio"/> Unknown or FI Internal Calculation

Fig. 64

0909524-101201

**CALCULATED RTN DEFINITION**

**UNRECOGNIZED RTN**  
(L14 - RTN SHOWN HERE)

Select Calculated RTN Digit Position to Define	Current RTN Calculation Definition
<input checked="" type="radio"/> Position 1	Position 1: Unknown/Not Defined
<input checked="" type="radio"/> Position 2	Position 2: Unknown/Not Defined
<input type="radio"/> Position 3	Position 3: Unknown/Not Defined
<input checked="" type="radio"/> Position 4	Position 4: Unknown/Not Defined
<input checked="" type="radio"/> Position 5	Position 5: Unknown/Not Defined
<input checked="" type="radio"/> Position 6	Position 6: Unknown/Not Defined
<input checked="" type="radio"/> Position 7	Position 7: Unknown/Not Defined
<input checked="" type="radio"/> Position 8	Position 8: Unknown/Not Defined

(Position 9 is a Check Digit ONLY)

**Define Position 3**

<input checked="" type="radio"/> Defined by Parent RTN Position	<input type="button" value="Save Definition"/> <input type="button" value="Cancel"/>
<input checked="" type="radio"/> Defined by Parent Account Position	
<input checked="" type="radio"/> Defined by Constant Value	
<input type="radio"/> Unknown or F/I Internal Calculation	

Fig. 66

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102101 42560660

**CALCULATED RTH DEFINITION**

**UNRECOGNIZED RTH**  
(L14 - RTH SHOWN HERE)

**Select Calculated RTH Digit Position to Define**

<input checked="" type="radio"/> Position 1	<input checked="" type="radio"/> Position 5
<input checked="" type="radio"/> Position 2	<input checked="" type="radio"/> Position 6
<input type="radio"/> Position 3	<input checked="" type="radio"/> Position 7
<input checked="" type="radio"/> Position 4	<input checked="" type="radio"/> Position 8

(Position 9 is a Check Digit ONLY)

**Current RTH Calculation Definition**

Position 1: Unknown/Not Defined  
 Position 2: Unknown/Not Defined  
 Position 3: Unknown/Not Defined  
 Position 4: Unknown/Not Defined  
 Position 5: Unknown/Not Defined  
 Position 6: Unknown/Not Defined  
 Position 7: Unknown/Not Defined  
 Position 8: Unknown/Not Defined

**Define Position 3**

<input type="radio"/> Defined by Parent RTH Position <input checked="" type="radio"/> Defined by Parent Account Position <input checked="" type="radio"/> Defined by Constant Value <input checked="" type="radio"/> Unknown or F/I Internal Calculation	<b>Enter Defining Value</b> <input type="text"/> <input type="button" value="Save Definition"/> <input type="button" value="Cancel"/>
---	--

Fig. 67

0909524 101201

CRITICAL ACTIVITY CALCULATION VALUES			
FIELD NAME	TYPE	LEN	DESCRIPTION
AVGNOFBUYS	DOUBLE	---	AVG # OF BUYS PER ACTIVE DAY (ACTIVE ONLY)
AVGNOFWBUYS	DOUBLE	---	AVG # OF BUYS PER ACTIVE WEEK (ACTIVE ONLY)
TOTBUYS	LONG	---	TOTAL # OF BUYS
TOTACTBUYS	CURRENCY	---	TOTAL AMOUNT OF BUYS TO DATE
AVGNOFBUYA	CURRENCY	---	AVG TOTAL AMOUNT OF BUYS PER DAY (ACTIVE ONLY)
AVGNOFWBUYA	CURRENCY	---	AVG TOTAL AMOUNT OF BUYS PER WEEK (ACTIVE ONLY)
TDTOTENTSBY	INTEGER	---	TOTAL NUMBER OF BUYS FOR CALC DATE
TDTOTENTSBYD	CURRENCY	---	TOTAL AMOUNT OF BUYS FOR CALC DATE
TWTOTENTSBY	INTEGER	---	TOTAL NUMBER OF BUYS FOR CALC DATE WEEK
TWTOTENTSBYD	CURRENCY	---	TOTAL AMOUNT OF BUYS FOR CALC DATE WEEK
TOTBDS	LONG	---	TOTAL NUMBER OF ACTIVE BUY DAYS
TOTBWS	LONG	---	TOTAL NUMBER OF ACTIVE BUY WEEKS
CALCDATE	DATE	---	CURRENT CALCULATION DATE
CALCDATEW	DATE	---	CURRENT CALCULATION DATE (for week calculations)
DEVDTRGGRB	DOUBLE	---	DAILY DEVIATION % AT WHICH BUYER IS WARNED (SELF SET BY BUYER) – PARENT BUYERS ALSO NOTIFIED
DEVDTRGGRW	DOUBLE	---	DAILY DEVIATION % AT WHICH MMC/APPLICABLE BANK IS NOTIFIED (IF TRIGGER SET) OF ABNORMAL ACTIVITY. BUYER/PARENT BUYER ALSO WARNED
DEVDTRGGRS	DOUBLE	---	DAILY DEVIATION % AT WHICH BUYER ACCOUNT IS SUSPENDED PENDING VERIFICATION OF - METHOD: TBD
DEWTRGGRB	DOUBLE	---	WEEKLY DEVIATION % AT WHICH BUYER IS WARNED (SELF SET BY BUYER) – PARENT BUYERS ALSO NOTIFIED
DEWTRGGRW	DOUBLE	---	WEEKLY DEVIATION % AT WHICH MMC/APPLICABLE BANK IS NOTIFIED (IF TRIGGER SET) OF ABNORMAL ACTIVITY. BUYER/PARENT BUYER ALSO WARNED
DEWTRGGRS	DOUBLE	---	WEEKLY DEVIATION % AT WHICH BUYER ACCOUNT IS SUSPENDED PENDING VERIFICATION OF - METHOD: TBD

Fig. 68

FOOTNOTES

Accounts Type Specific – Smarte Credit  
Table Name : MMC\_ACC\_SMARTE\_CREDIT

MMC_ACC_ID	VARCHAR(20)	NN	MMC Account ID
MMC_ID	VARCHAR(20)	NN	MMC_ID of user
MMC_FI_HOLD_ACC_ID	VARCHAR(20)	NN	Holding Account of FI in MMC. (Admin Account of FI)
MMC_ACH_ACC_ID	VARCHAR(20)		ACH Account ID tied to the MMC_ACC_ID
MMC_SPON_FI_ID	VARCHAR(20)		MMC Account ID of the Sponsoring FI
NEXT_LOAN_NUM	INT		Latest Loan Number
TOTAL_AMT	MONEY	NN	Total Amount of Smarte Credit extended by Bank Against this Account
CUR_BAL	MONEY	NN	Current Balance
BLOCKED_AMOUNT	MONEY		Blocked Amount
INT_CAL_DELAY	INT		Number of Days to delay Calculation of Interest
INT_RATE	FLOAT	NN	Default Interest Rate
ACT_FEE_CHARGE	MONEY		Fees / Charge for Activation
TAX_YEAR	INT		Four Digit Calendar Year. – Indicates current year for which interest calculations are being maintained
INT_PAID_CUR_YEAR	MONEY	NN	Total Amount of Interest Paid during Current Calendar Year
INT_PAID_PREV_YEAR	MONEY	NN	Total Amount of Interest Paid during Previous Calendar Years
PAY_DUE_DATE	INT	NN	Day of Month Payment Due
MIN_INT_CHARGE	MONEY		Minimum Interest Charge Allowed
MIN_MON_AMT_DUE	MONEY		Minimum Monthly Amount Due
DEF_PER_BAL_DUE	FLOAT		Default Percentage for Total Balance Due
FI_ACC_REF	VARCHAR(50)		FI Internal Reference for Account
PER_LATE_FEE	FLOAT		Percentage of Balance to Calculate Late Fee from
FLAT_RATE_LATE_FEE	MONEY		Fiat Rate to Calculate Late Fee
MAX_FLAT_LATE_FEE	MONEY		Maximum Flat Rate to Calculate Late Fee
WAIVE_NSF_FEE	CHAR(1)		Yes / No
FI_COMMENTS	VARCHAR(500)		Comments entered by FI
STATUS	CHAR(1)		Status
NEXT_PAY_DUE_DATE	DATE/TIME		This is the NEXT calculated date that Payment is Due By.
NEXT_PAYDUE_AMOUNT	MONEY		This is the Amount (Current Balance) remaining on minimum amount remaining for Buyer to Pay on this Account prior to NEXT_PAY_DUE_DATE
LFC_CARRYOVER_BAL	MONEY		This is the amount remaining for the Buyer to Pay during this specific pay period.
LFC_YEAR	INT		This is the current Calculation YEAR for Late Payments
LF_PAID_CUR_YEAR	MONEY	NN	Total Amount of Late Payments Paid during Current Calendar Year
LF_PAID_PREV_YEAR	MONEY	NN	Total Amount of Late Payments Paid during Previous Calendar Years

Fig. 69

Transaction – Smarte Credit Loan Record  
Table Name : MMC\_TRAN\_SMARTE\_CREDIT\_LOAN

MMC_ACC_ID	VARCHAR(20)	NN	MMC Account ID (Smarte Credit Account Only)
MMC_ACC_LOAN_ID	VARCHAR(23)		Concatenation of Smarte Credit Account ID and Next Loan Number (Padded with zeros) of activation no (000-999).
NEXT_PAY_NUM	INT		Next Sequential Payment Number to Use within Payment Log Data Table
CUR_BAL	MONEY	NN	Current Balance
NEXT_INT_CAL_DATE	DATETIME		Next Interest Calculation Date
LAST_INT_CAL_DATE	DATETIME		Last Date Interest Calculated
ORG_INT_RATE	FLOAT	NN	Original - Monthly Interest Rate
CUR_INT_RATE	FLOAT	NN	Current - Monthly Interest Rate
LOAN_ACTIVATE_DATE	DATETIME		Loan Activated Date
FI_LOAN_REF	VARCHAR(50)		Individual FI's Reference Number for this Loan
TOT_INT_CHARGED	MONEY		Total Interest Charged to Date against this Loan
ORG_LOAN_AMT	MONEY	NN	Original Loan Amount
LOAN_BALANCE	MONEY		
LAST_INT_CHARGED	MONEY		Interest Charged in Last Calculation Period
ACT_FEE_CHARGED	MONEY	NN	Fee Added to Balance for Activation
LOCKED_INT_ID	CHAR(1)		
MMC_TRAN_ID	VARCHAR(20)		MMC Transaction ID
MMC_TRAN_NO	INT		MMC Transaction No.
MMC_TRAN_DATE	DATETIME		MMC Transaction Date
TOTAL_TRAN_AMT	MONEY		Total Transaction Amount
TOT_LFC_CHARGED	MONEY		Total Late Payment Fees Charged to Date against this Loan

Fig. 70

Smarte Credit Late Fee Log  
Table Name : MMC\_SMARTE\_CREDIT\_LF\_LOG

MMC_ACC_ID	VARCHAR(20)	NN	MMC Account ID (Smarte Credit Account Only)
MMC_ACC_LOAN_ID	VARCHAR(23)	NN	Concatenation of Smarte Credit Account ID and Next Loan Number (Padded with zeros) of activation no (000-999). This specifically refers to the Individual LOAN to which the Late Fee was attached.
LF_APP_DATE	DATETIME		System Date where Late Fee Applied
LF_AMOUNT	MONEY		Amount of Late Fee Applied
LFC_CARRYOVER	MONEY		This is the amount remaining for the Buyer to Pay during this specific pay period at the time the Late Fee was applied.

Fig. 71

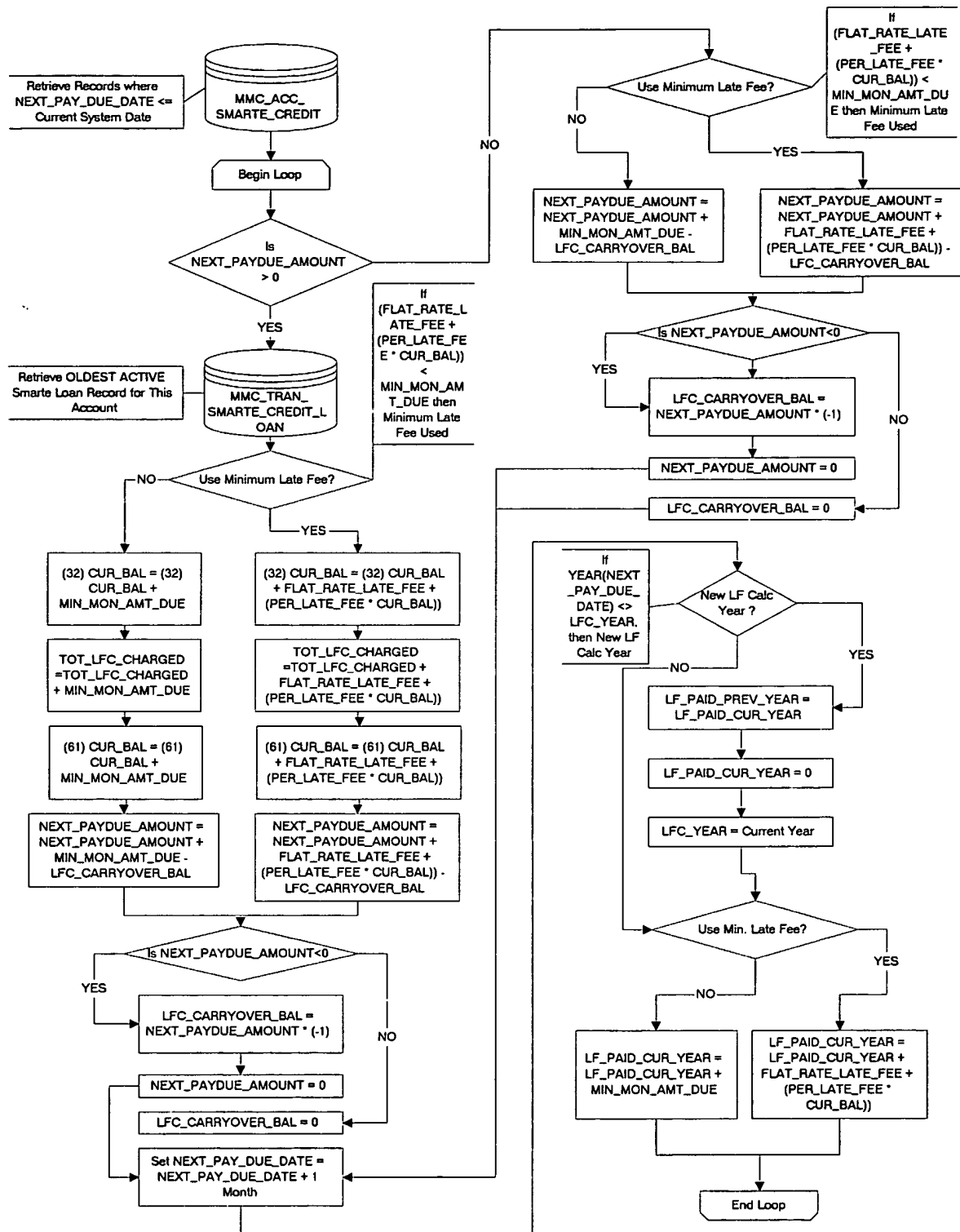


Fig. 72

T02TOT 42560660

Table: Batch Payment Due

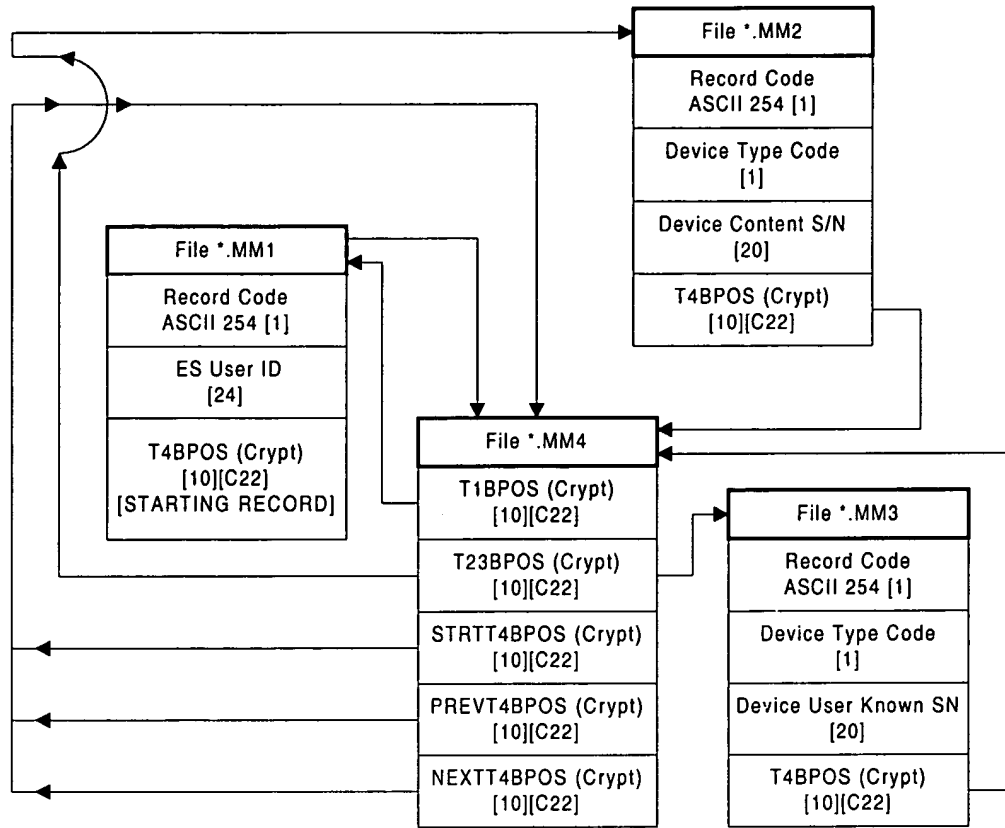
BCN	VARCHAR(20)	NN	Batch Control Number
BATCH_ENTITY	VARCHAR(20)		MMC ID of Entity to make Payment To
PAY_ACC_TO	VARCHAR(20)		MMC ID of Account to make Payment To
PAY_ACC_FROM	VARCHAR(20)		MMC ID of Account to take Payment From
ORG_PAY	MONEY		Amount (\$) of Payment Due (Original as Calculated from initial Batch Process)
ACT_PAY	MONEY		Actual Amount (\$) of Payment Due (as Modified from Original Due to Payments)
PAY_DUE_DATE	DATETIME		Date Payment Due
PAY_DATE	DATETIME		Date Payment Made
PAY_BCN	VARCHAR(20)		Batch Control Number of Payment Batch
PAY_TCN	VARCHAR(15)		TCN of Payment ACH Trans
STATUS	VARCHAR(1)		Status Flag for Record to enable quicker / easier searches
COMMENTS	VARCHAR(200)		Comments regarding Payment
PAY_SERIAL_NO	VARCHAR(20)		System Assigned Serial Number to the Outstanding PAYMENT

Fig. 73

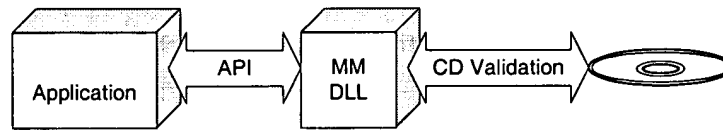
Table: Batch Payment

PAY_BCN	VARCHAR(20)	NN	Batch Control Number
BATCH_ENTITY	VARCHAR(20)		MMC ID of Entity Payment Made To
PAY_ACC_TO	VARCHAR(20)		MMC ID of Account Payment Made To
PAY_ACC_FROM	VARCHAR(20)		MMC ID of Account Payment Taken From
PAY_AMOUNT	MONEY		Amount (\$) of Payment Made
PAY_SERIAL_NO	VARCHAR(20)		System Assigned Serial Number to the Outstanding PAYMENT
PAY_DUE_DATE	DATETIME		Date Payment Due
PAY_DATE	DATETIME		Date Payment Made
MMC_TRAN_ID	VARCHAR(20)		Transaction (Master) ID Payment made under
MMC_TRAN_NO	VARCHAR(20)		Transaction (Sub) ID Payment made under

Fig. 74



**Fig. 75**



**Fig. 76**

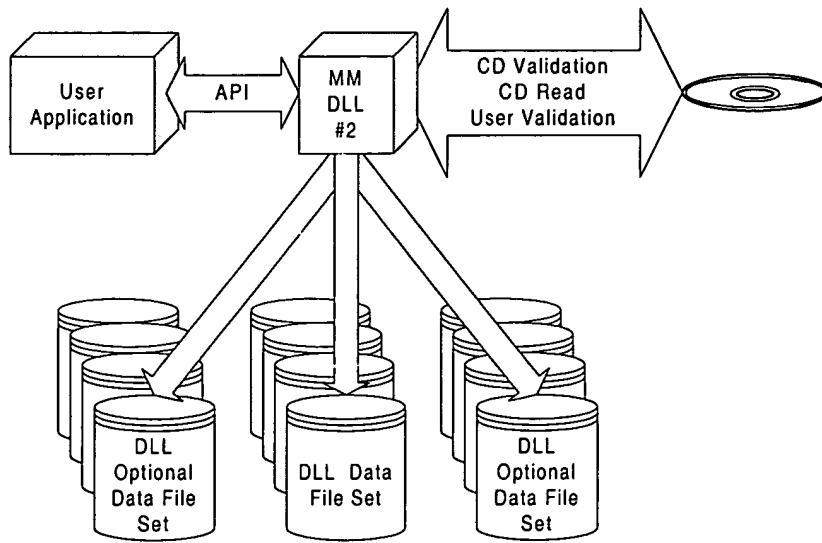


Fig. 77

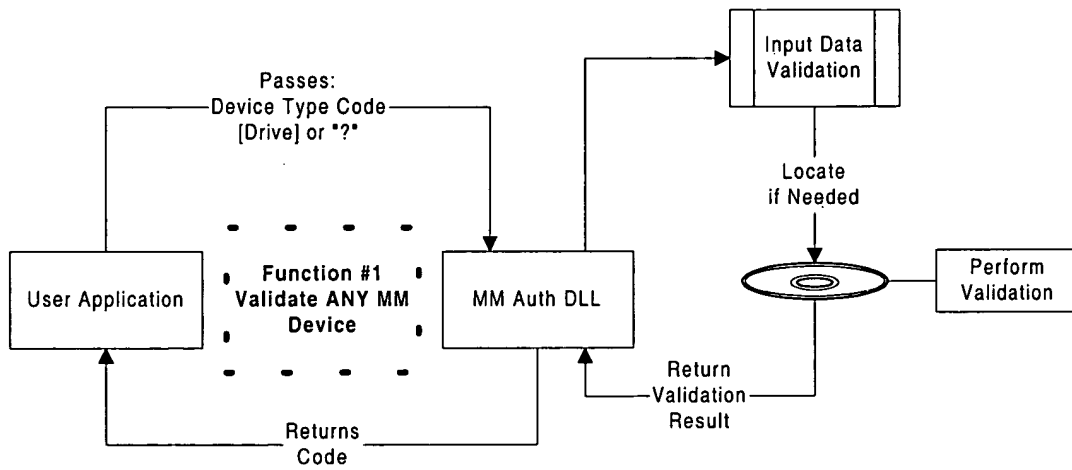


Fig. 78

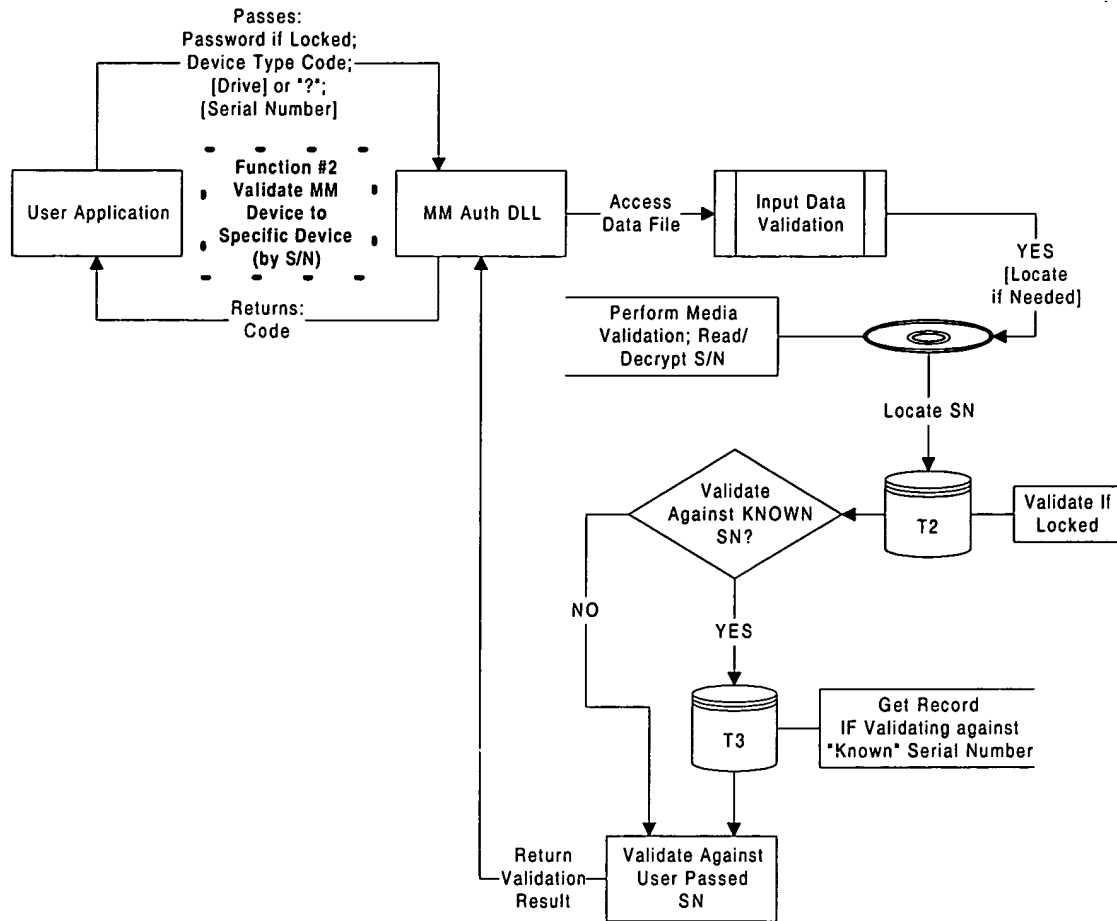


Fig. 79

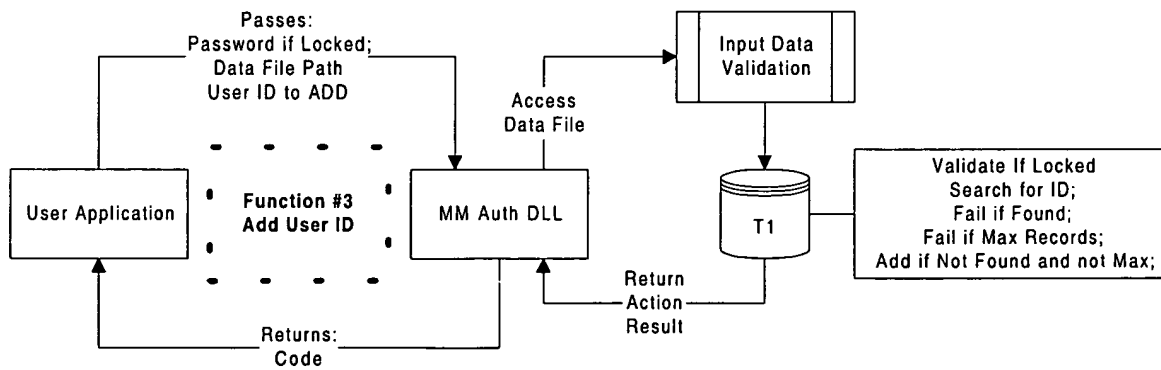


Fig. 80

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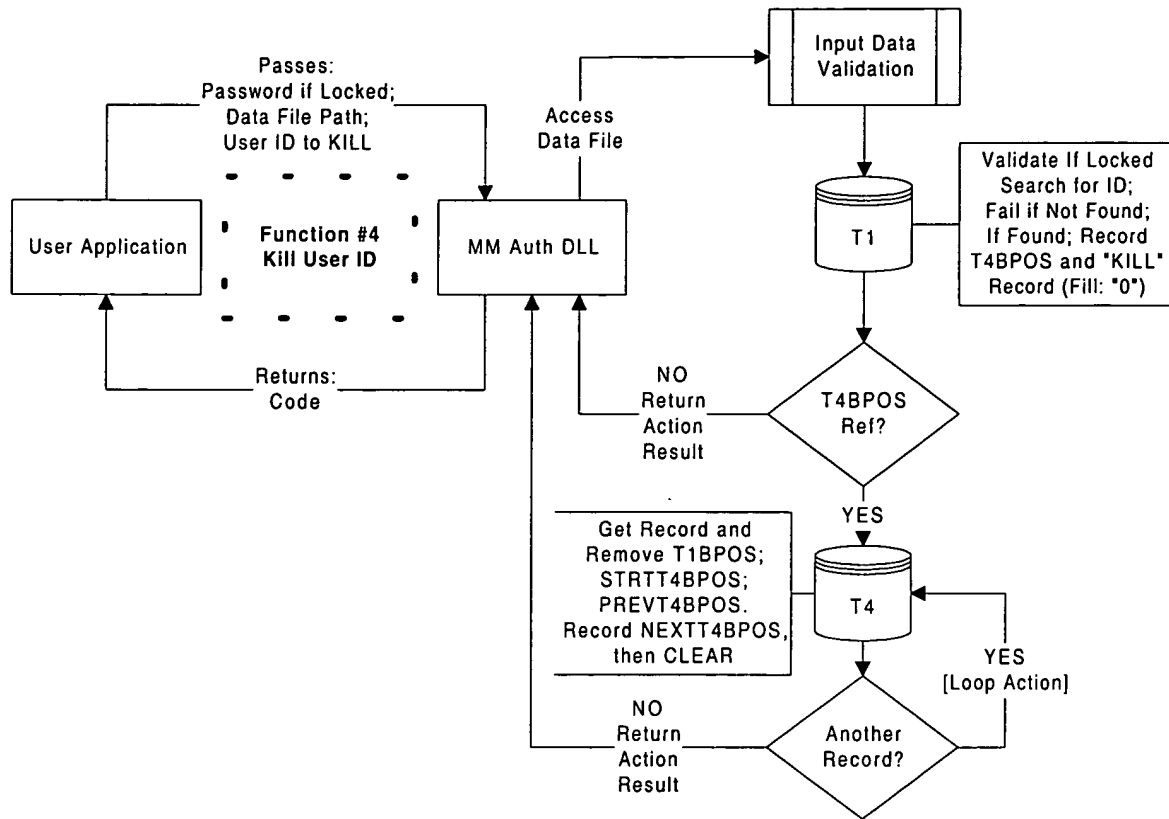


Fig. 81

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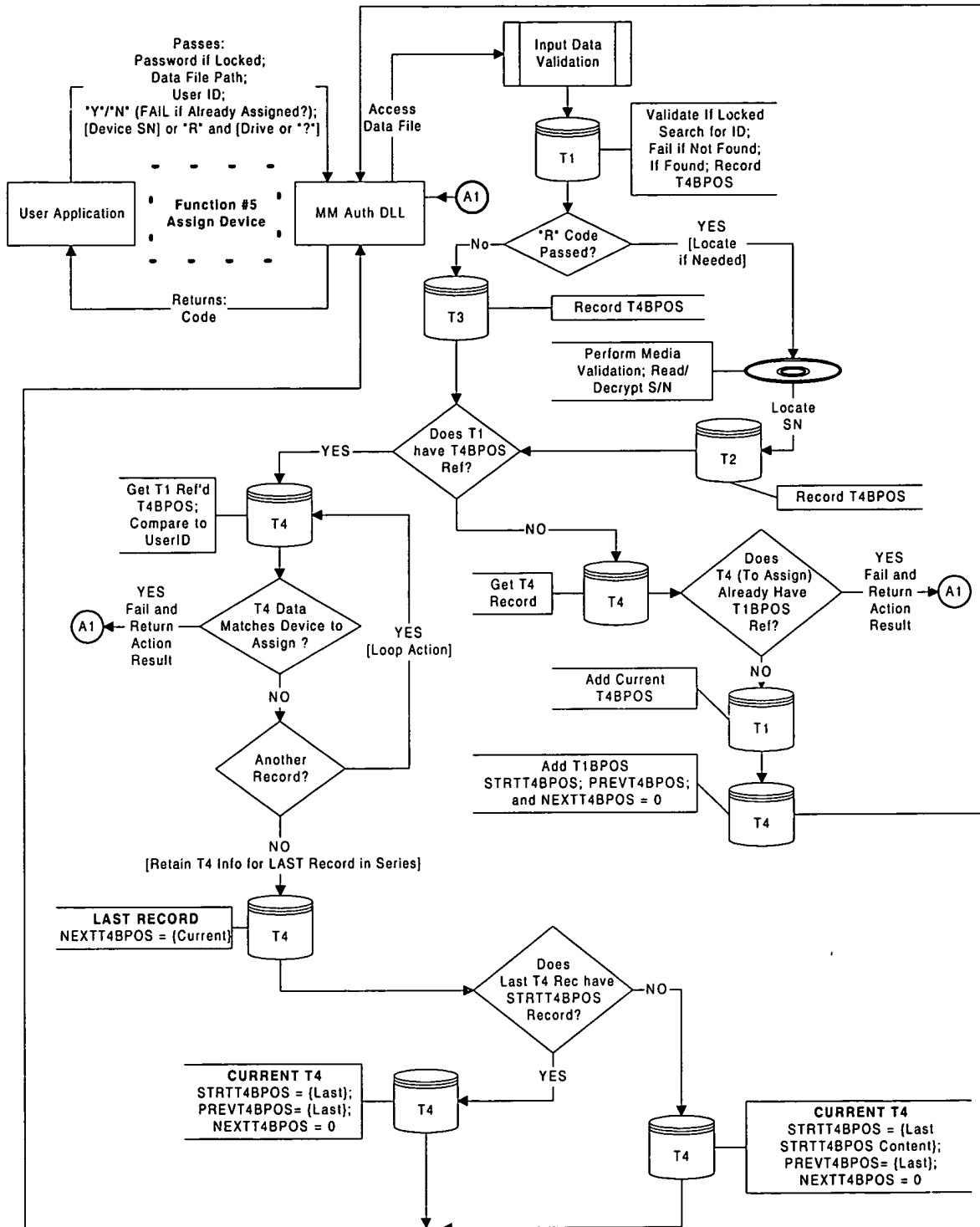


Fig. 82

T0210T-42960660

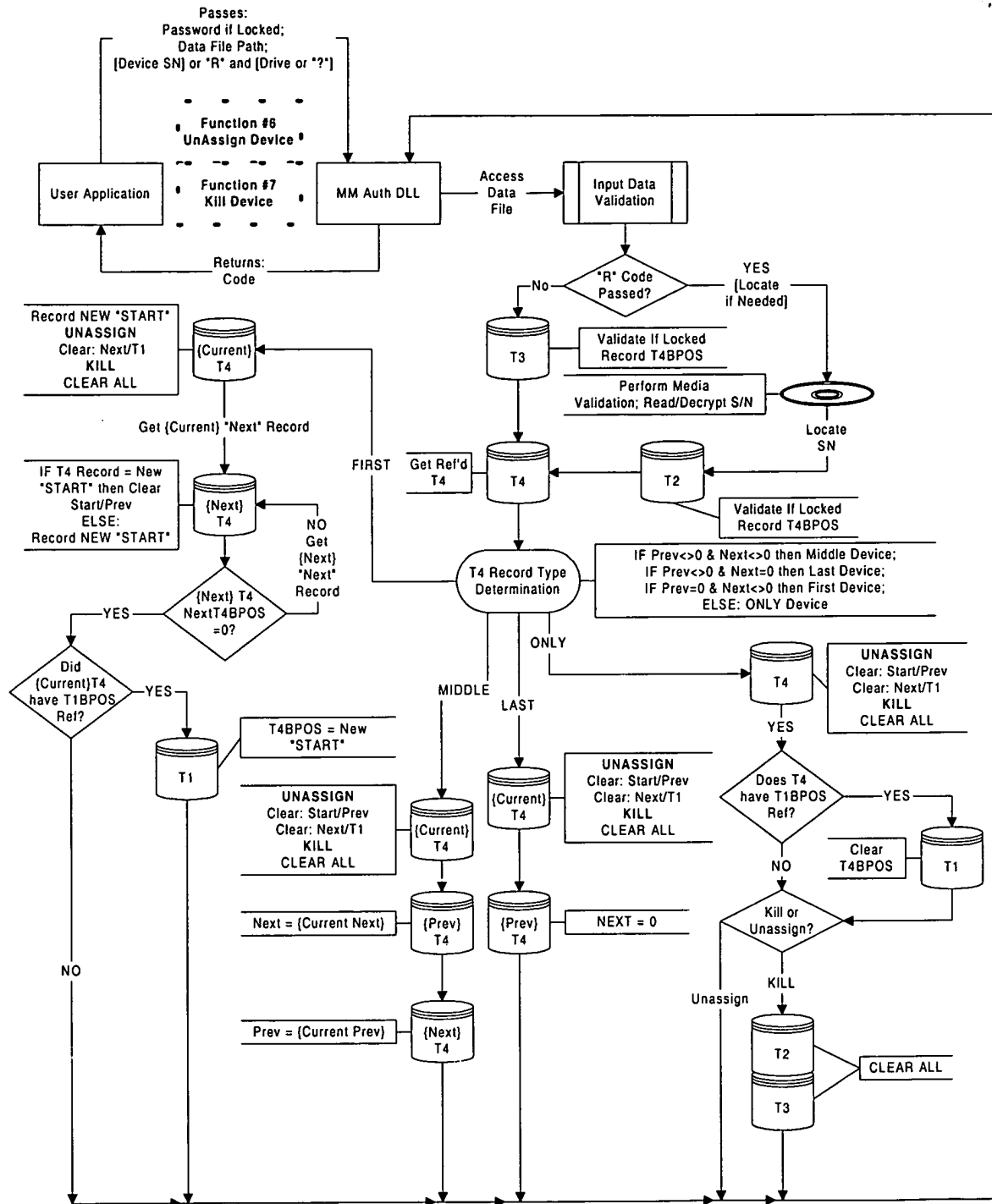


Fig. 83

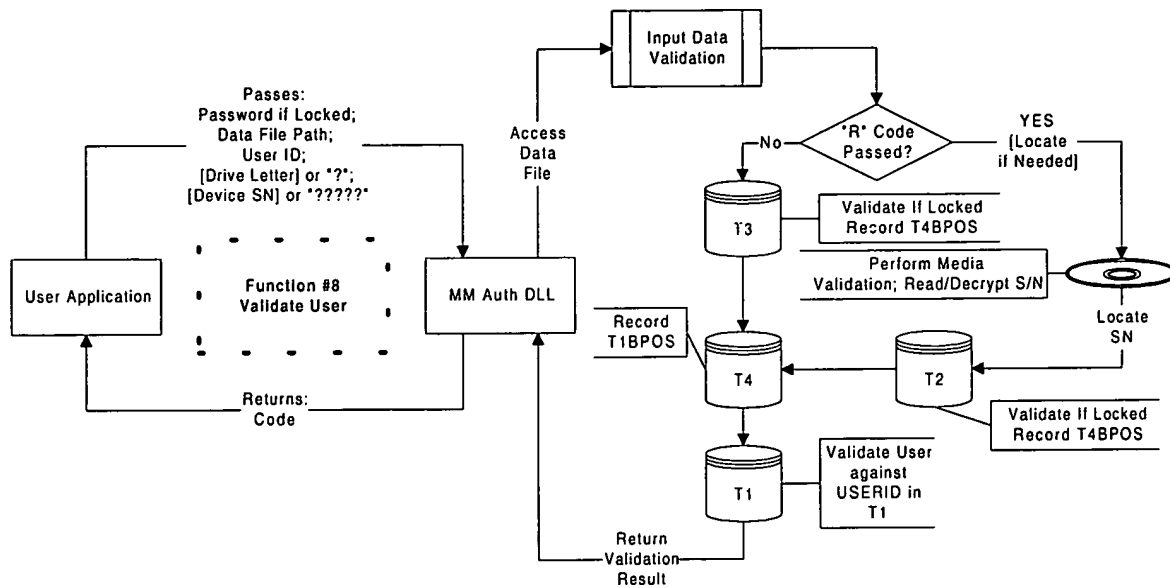


Fig. 84

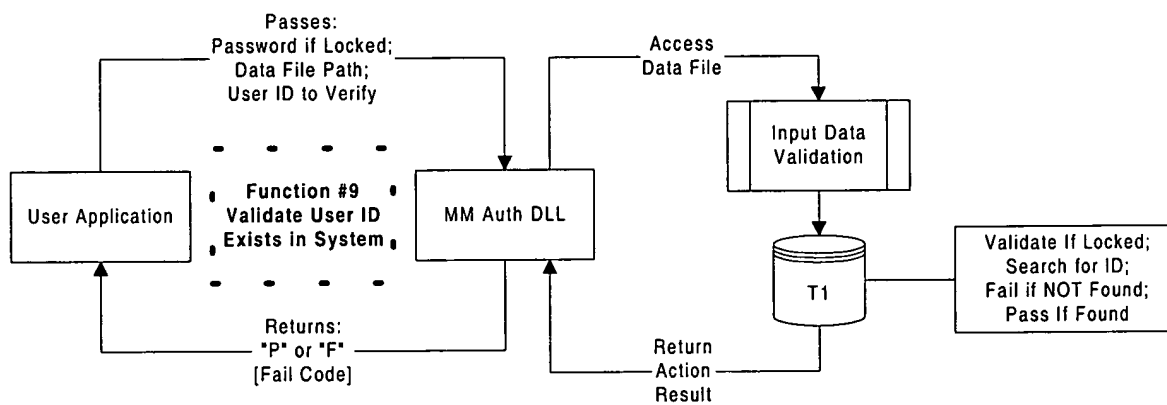


Fig. 85

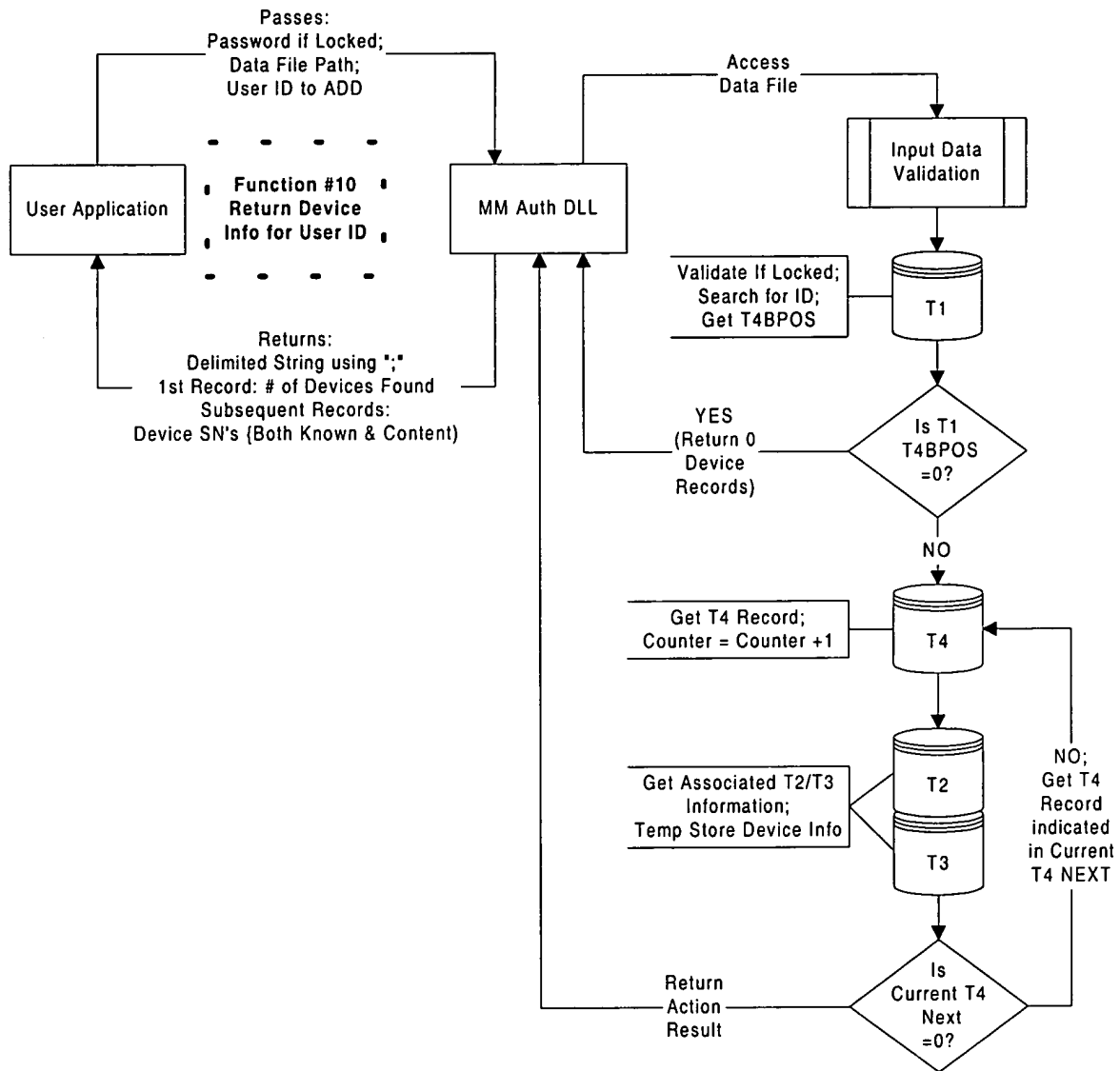


Fig. 86

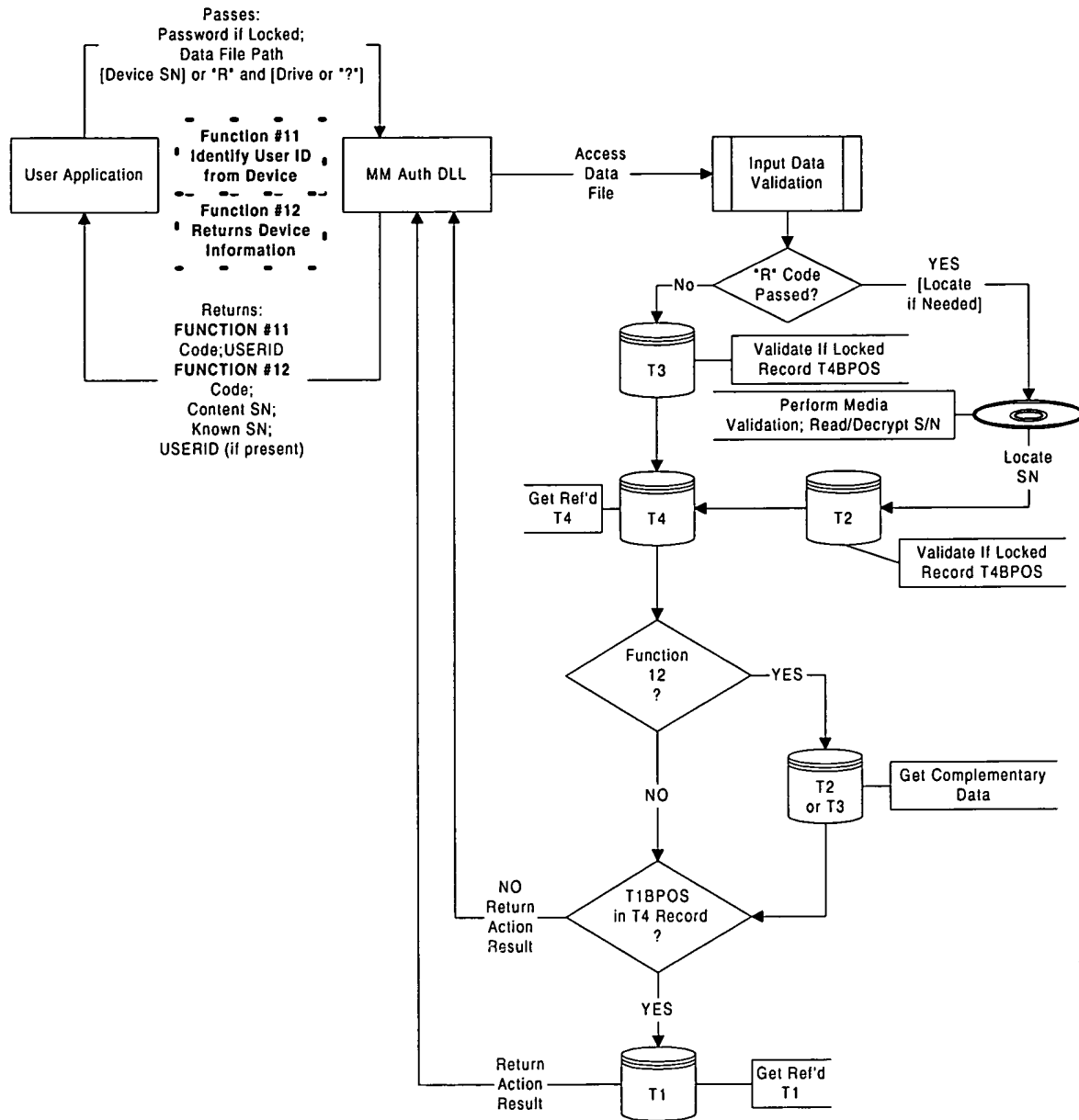


Fig. 87

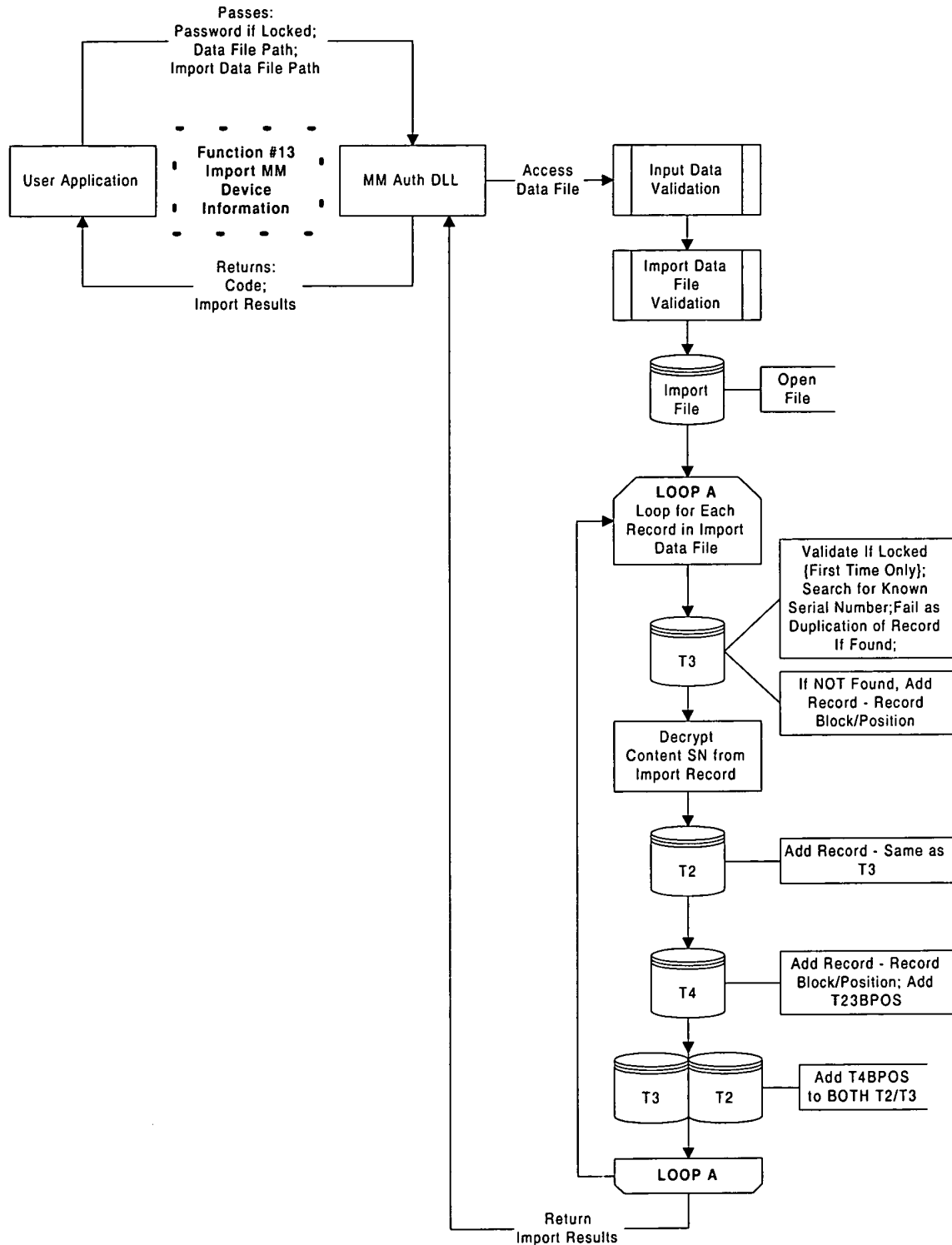


Fig. 88

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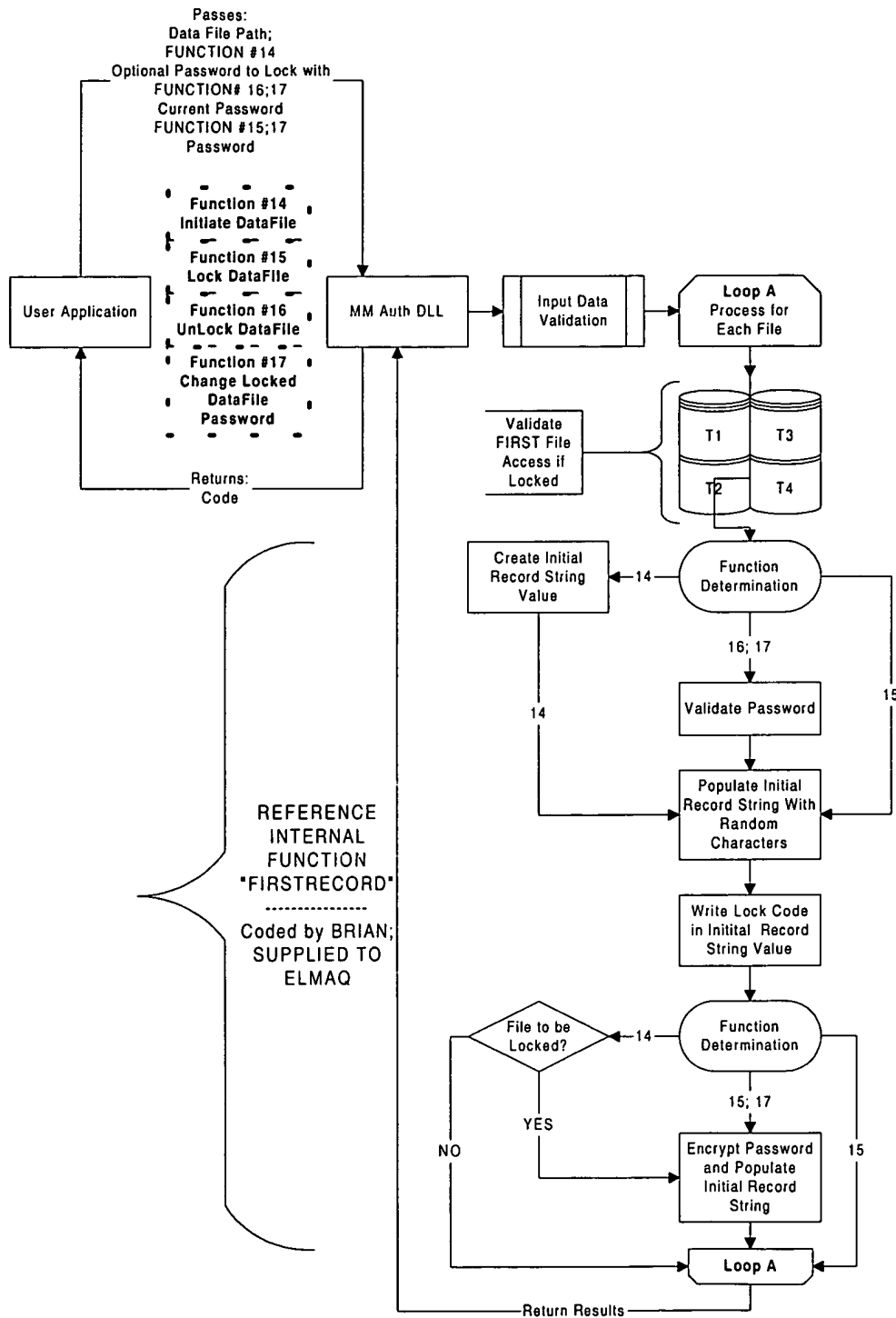
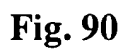


Fig. 89



## Multiple CD's (Per "Set") Run

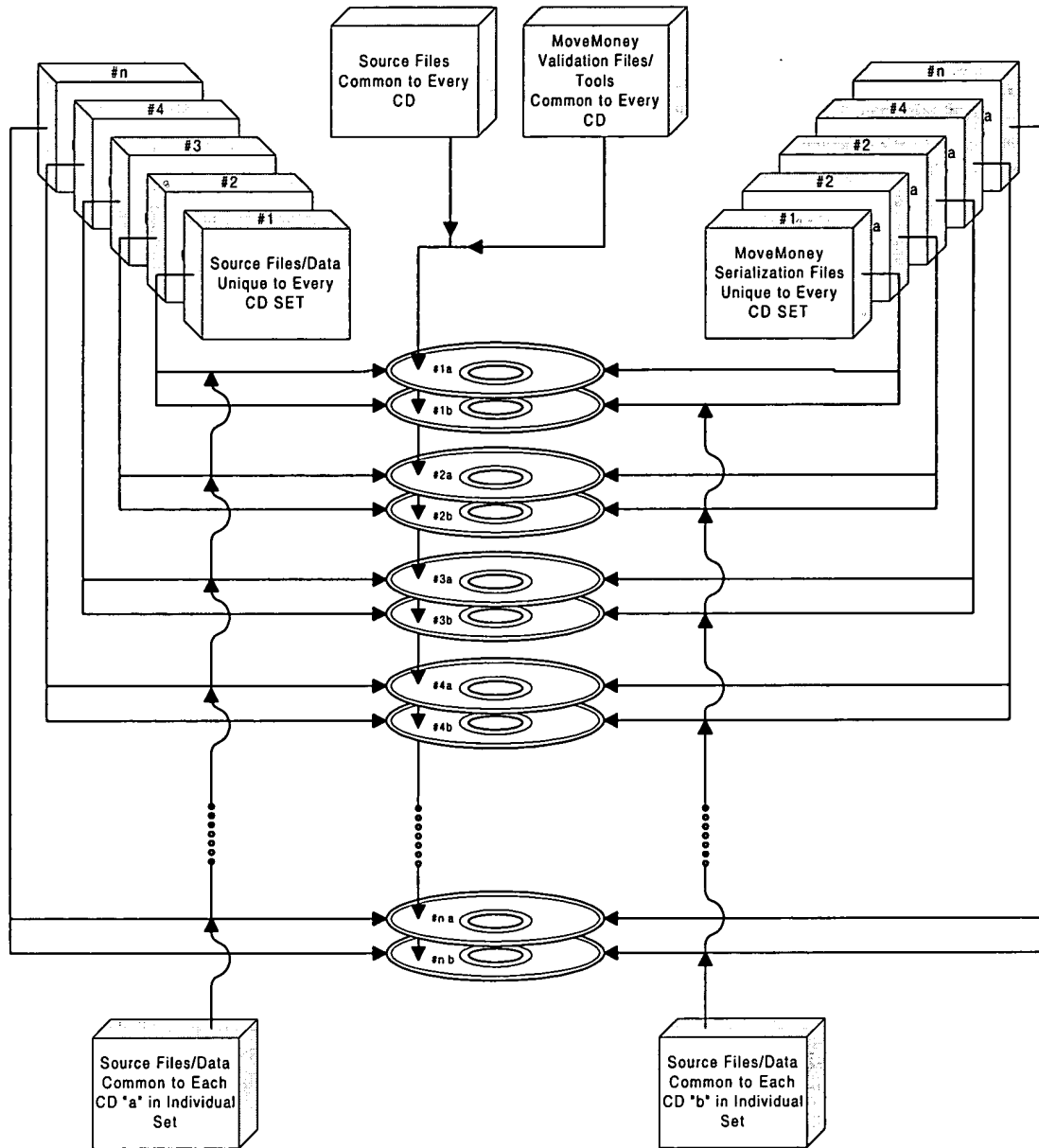


Fig. 92

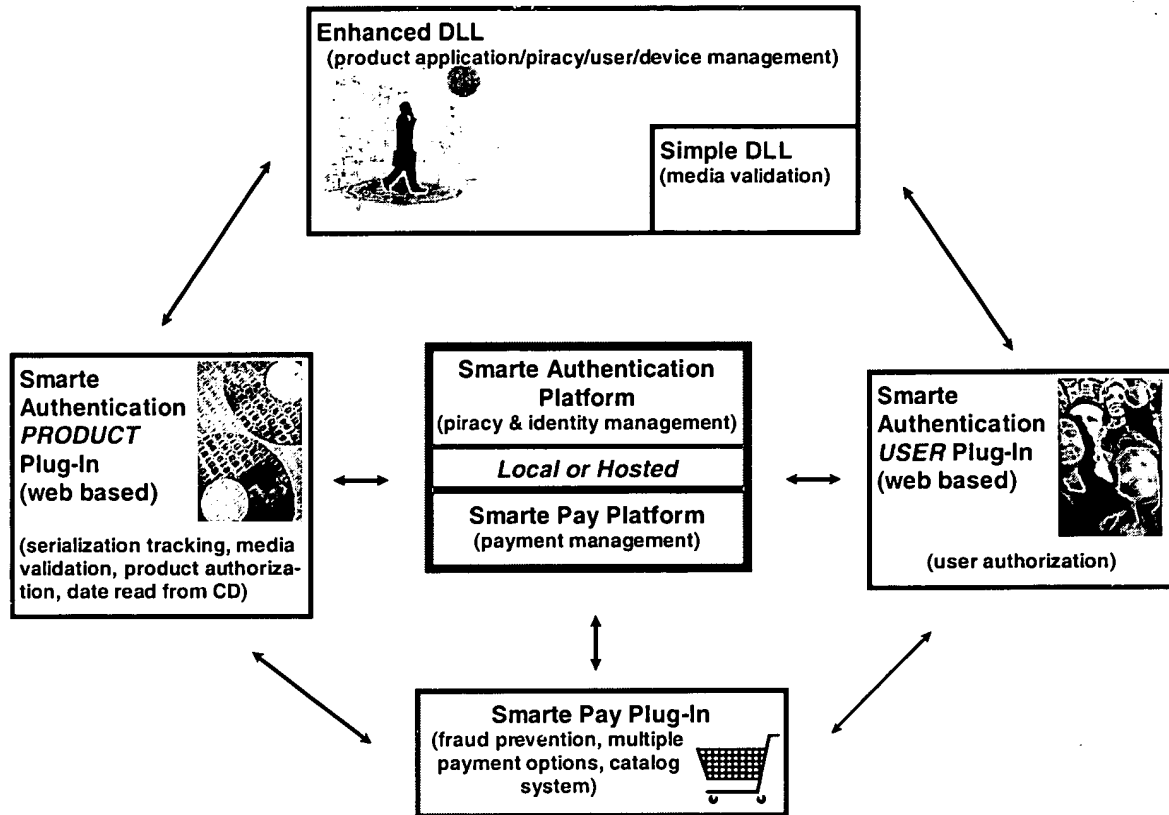


Fig. 93